



# Plasti Dip® Spray Black & Blue

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 11/12/2015

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Version: 2.0

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Product name : Plasti Dip® Spray Black & Blue  
Product code : 10171S

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Coating

#### 1.3. Supplier

Plasti Dip International, Inc.  
3920 Pheasant Ridge Drive  
Blaine, MN 55449  
Phone - (763) 785-2156

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (US); +1 703-741-5970 (International)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Flam. Liq. 2 H225  
Skin Irrit. 2 H315  
Eye Irrit. 2A H319  
Skin Sens. 1 H317  
Repr. 2 H361  
STOT SE 3 H336  
STOT RE 2 H373  
Asp. Tox. 1 H304

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

Hazard pictograms (GHS US)



Signal word (GHS US)

: Danger

Hazard statements (GHS US)

: H225 - Highly flammable liquid and vapor  
H304 - May be fatal if swallowed and enters airways  
H315 - Causes skin irritation  
H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness  
H361 - Suspected of damaging fertility or the unborn child  
H373 - May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US)

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 - Keep container tightly closed.  
P240 - Ground/Bond container and receiving equipment.  
P241 - Use explosion-proof ventilating, lighting, electrical equipment.  
P242 - Use non-sparking tools.  
P243 - Take action to prevent static discharges.  
P260 - Do not breathe vapors, mist.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing must not be allowed out of the workplace.  
P280 - Wear protective gloves.  
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor  
P302+P352 - If on skin: Wash with plenty of soap and water.

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P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P312 - Call a POISON CENTER, a doctor if you feel unwell.  
P314 - Get medical advice or attention if you feel unwell.  
P331 - Do NOT induce vomiting.  
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.  
P337+P313 - If eye irritation persists: Get medical advice or attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P370+P378 - In case of fire: Use Carbon dioxide (CO<sub>2</sub>), dry extinguishing powder, Foam to extinguish.  
P403+P233+P235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                                                        | Product identifier   | %       |
|-----------------------------------------------------------------------------|----------------------|---------|
| Toluene                                                                     | (CAS-No.) 108-88-3   | 30 – 60 |
| Distillates, petroleum, light distillate hydrotreating process, low-boiling | (CAS-No.) 68410-97-9 | 15 – 40 |
| Naphtha, petroleum, hydrotreated light                                      | (CAS-No.) 64742-49-0 | 15 – 40 |
| Solvent naphtha, petroleum, light aliphatic                                 | (CAS-No.) 64742-89-8 | 15 – 40 |
| Hexane                                                                      | (CAS-No.) 110-54-3   | 7 – 13  |
| n-Heptane                                                                   | (CAS-No.) 142-82-5   | 1 – 5   |
| Octane                                                                      | (CAS-No.) 111-65-9   | 1 – 5   |
| Methyl ethyl ketone                                                         | (CAS-No.) 78-93-3    | 1 – 5   |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate                             | (CAS-No.) 41556-26-7 | 0.1 – 1 |
| Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester          | (CAS-No.) 82919-37-7 | 0.1 – 1 |

\*In accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200), the specific chemical identity or exact weight % has been withheld as a trade secret

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

|                                       |                                                                                                                                                                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| First-aid measures general            | : If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.                                           |
| First-aid measures after inhalation   | : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.                                 |
| First-aid measures after skin contact | : IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.                                                           |
| First-aid measures after eye contact  | : IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing. |
| First-aid measures after ingestion    | : IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.                                                                                |

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### 4.2. Most important symptoms and effects (acute and delayed)

|                                     |                                                                                                                                                                                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects                    | : May be fatal if swallowed and enters airways. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. |
| Symptoms/effects after inhalation   | : May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                   |
| Symptoms/effects after skin contact | : May cause skin irritation. May cause an allergic skin reaction.                                                                                                                                                                                                                                      |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.                                                                                                                                                                                                                                                                       |
| Symptoms/effects after ingestion    | : May be fatal if swallowed and enters airways.                                                                                                                                                                                                                                                        |
| Chronic symptoms                    | : Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.                                                                                                                                                          |

### 4.3. Immediate medical attention and special treatment, if necessary

No additional information available.

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Foam. Carbon dioxide. Dry chemical.

### 5.2. Specific hazards arising from the chemical

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| Fire hazard      | : Highly flammable liquid and vapor.                           |
| Explosion hazard | : Heating may cause an explosion.                              |
| Reactivity       | : No dangerous reactions known under normal conditions of use. |

### 5.3. Special protective equipment and precautions for fire-fighters

|                                |                                                                                                                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary measures fire    | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.                                                                                                                                              |
| Firefighting instructions      | : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion. |
| Protection during firefighting | : Do not enter fire area without proper protective equipment, including respiratory protection.                                                                                                                                               |
| Other information              | : This material is flammable and may be ignited by heat, sparks, or static electricity.                                                                                                                                                       |

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Ventilate area. Keep upwind. Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection.

#### 6.1.1. For non-emergency personnel

|                      |                                                        |
|----------------------|--------------------------------------------------------|
| Protective equipment | : Wear Protective equipment as described in Section 8. |
| Emergency procedures | : Evacuate unnecessary personnel.                      |

#### 6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Prevent entry to sewers and public waters.                                                                                                  |
| Methods for cleaning up | : Exclude sources of ignition and ventilate the area. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. This material and its container must be disposed of in a safe way, and as per local legislation. |

### 6.4. Reference to other sections

See Sections 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety procedures. Use only in well-ventilated areas. Avoid contact with skin and eyes. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Keep away from sources of ignition - No smoking.

#### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep the container tightly closed. Store in a dry, cool and well-ventilated place. Keep away from ignition sources.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

| Toluene (108-88-3)                                                                       |                                                                                      |                                                                                                                                                     |
|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| ACGIH                                                                                    | ACGIH OEL TWA                                                                        | 20 ppm                                                                                                                                              |
| ACGIH                                                                                    | Remark (ACGIH)                                                                       | TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI |
| ACGIH                                                                                    | Regulatory reference                                                                 | ACGIH 2024                                                                                                                                          |
| OSHA                                                                                     | OSHA PEL TWA                                                                         | 200 ppm                                                                                                                                             |
| OSHA                                                                                     | OSHA PEL (Ceiling)                                                                   | 300 ppm (500 ppm Peak [10 minutes])                                                                                                                 |
| OSHA                                                                                     | Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift | 500 ppm 10 mins.                                                                                                                                    |
| OSHA                                                                                     | Remark (OSHA)                                                                        | (2) See Table Z-2.                                                                                                                                  |
| OSHA                                                                                     | Regulatory reference (US-OSHA)                                                       | OSHA Annotated Table Z-2                                                                                                                            |
| IDLH                                                                                     | IDLH                                                                                 | 500 ppm                                                                                                                                             |
| NIOSH                                                                                    | NIOSH REL (TWA)                                                                      | 375 mg/m³                                                                                                                                           |
| NIOSH                                                                                    | NIOSH REL (TWA)                                                                      | 100 ppm                                                                                                                                             |
| NIOSH                                                                                    | NIOSH REL (STEL)                                                                     | 560 mg/m³                                                                                                                                           |
| NIOSH                                                                                    | NIOSH REL (STEL)                                                                     | 150 ppm                                                                                                                                             |
| Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9) |                                                                                      |                                                                                                                                                     |
| ACGIH                                                                                    | Remark (ACGIH)                                                                       | OELs not established                                                                                                                                |
| OSHA                                                                                     | Remark (OSHA)                                                                        | OELs not established                                                                                                                                |
| Naphtha, petroleum, hydrotreated light (64742-49-0)                                      |                                                                                      |                                                                                                                                                     |
| ACGIH                                                                                    | ACGIH OEL TWA                                                                        | 100 ppm                                                                                                                                             |
| ACGIH                                                                                    | Remark (ACGIH)                                                                       | TLV® Basis: Periph neuropathy. Notations: Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)                                   |
| ACGIH                                                                                    | Regulatory reference                                                                 | ACGIH 2024                                                                                                                                          |
| OSHA                                                                                     | Remark (OSHA)                                                                        | OELs not established                                                                                                                                |
| n-Heptane (142-82-5)                                                                     |                                                                                      |                                                                                                                                                     |
| ACGIH                                                                                    | ACGIH OEL TWA                                                                        | 400 ppm                                                                                                                                             |
| ACGIH                                                                                    | ACGIH OEL STEL                                                                       | 500 ppm (listed under Heptane, all isomers)                                                                                                         |
| ACGIH                                                                                    | Remark (ACGIH)                                                                       | TLV® Basis: CNS impair; URT irr                                                                                                                     |
| ACGIH                                                                                    | Regulatory reference                                                                 | ACGIH 2024                                                                                                                                          |
| OSHA                                                                                     | OSHA PEL TWA                                                                         | 2000 mg/m³                                                                                                                                          |
| OSHA                                                                                     | OSHA PEL TWA                                                                         | 500 ppm                                                                                                                                             |
| OSHA                                                                                     | OSHA PEL STEL                                                                        | 2000 mg/m³                                                                                                                                          |

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|                                                                 |                                |                                                                                  |
|-----------------------------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| <b>n-Heptane (142-82-5)</b>                                     |                                |                                                                                  |
| OSHA                                                            | OSHA PEL STEL                  | 500 ppm                                                                          |
| OSHA                                                            | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1                                                         |
| <b>Solvent naphtha, petroleum, light aliphatic (64742-89-8)</b> |                                |                                                                                  |
| ACGIH                                                           | ACGIH OEL TWA                  | 100 ppm                                                                          |
| ACGIH                                                           | Regulatory reference           | ACGIH 2024                                                                       |
| OSHA                                                            | Remark (OSHA)                  | OELs not established                                                             |
| <b>Octane (111-65-9)</b>                                        |                                |                                                                                  |
| ACGIH                                                           | ACGIH OEL TWA                  | 300 ppm                                                                          |
| ACGIH                                                           | Remark (ACGIH)                 | TLV® Basis: URT irr                                                              |
| ACGIH                                                           | Regulatory reference           | ACGIH 2024                                                                       |
| OSHA                                                            | OSHA PEL TWA                   | 2350 mg/m³                                                                       |
| OSHA                                                            | OSHA PEL TWA                   | 500 ppm                                                                          |
| OSHA                                                            | OSHA PEL STEL                  | 1800 mg/m³ Vacated                                                               |
| OSHA                                                            | OSHA PEL STEL                  | 375 ppm Vacated                                                                  |
| OSHA                                                            | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1                                                         |
| IDLH                                                            | IDLH                           | 1000 ppm (10% LEL)                                                               |
| NIOSH                                                           | NIOSH REL (TWA)                | 350 mg/m³                                                                        |
| NIOSH                                                           | NIOSH REL (TWA)                | 75 ppm                                                                           |
| NIOSH                                                           | NIOSH REL (Ceiling)            | 1800 mg/m³                                                                       |
| NIOSH                                                           | NIOSH REL (Ceiling)            | 385 ppm                                                                          |
| <b>Hexane (110-54-3)</b>                                        |                                |                                                                                  |
| ACGIH                                                           | ACGIH OEL TWA                  | 50 ppm                                                                           |
| ACGIH                                                           | Remark (ACGIH)                 | TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI     |
| ACGIH                                                           | Regulatory reference           | ACGIH 2024                                                                       |
| OSHA                                                            | OSHA PEL TWA                   | 1800 mg/m³                                                                       |
| OSHA                                                            | OSHA PEL TWA                   | 500 ppm                                                                          |
| OSHA                                                            | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1                                                         |
| IDLH                                                            | IDLH                           | 1100 ppm (10% LEL)                                                               |
| NIOSH                                                           | NIOSH REL (TWA)                | 180 mg/m³                                                                        |
| NIOSH                                                           | NIOSH REL (TWA)                | 50 ppm                                                                           |
| <b>Methyl ethyl ketone (78-93-3)</b>                            |                                |                                                                                  |
| ACGIH                                                           | ACGIH OEL TWA                  | 200 ppm                                                                          |
| ACGIH                                                           | ACGIH OEL STEL                 | 300 ppm                                                                          |
| ACGIH                                                           | Remark (ACGIH)                 | TLV® Basis: Embryo/fetal dam; URT irr; headache; dizziness. Notations: Skin; BEI |
| ACGIH                                                           | Regulatory reference           | ACGIH 2024                                                                       |
| OSHA                                                            | OSHA PEL TWA                   | 590 mg/m³                                                                        |
| OSHA                                                            | OSHA PEL TWA                   | 200 ppm                                                                          |
| OSHA                                                            | OSHA PEL STEL                  | 885 mg/m³                                                                        |
| OSHA                                                            | OSHA PEL STEL                  | 300 ppm                                                                          |
| OSHA                                                            | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1                                                         |
| IDLH                                                            | IDLH                           | 3000 ppm                                                                         |
| NIOSH                                                           | NIOSH REL (TWA)                | 590 mg/m³                                                                        |
| NIOSH                                                           | NIOSH REL (TWA)                | 200 ppm                                                                          |

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| Methyl ethyl ketone (78-93-3)                                                   |                  |                       |
|---------------------------------------------------------------------------------|------------------|-----------------------|
| NIOSH                                                                           | NIOSH REL (STEL) | 885 mg/m <sup>3</sup> |
| NIOSH                                                                           | NIOSH REL (STEL) | 300 ppm               |
| Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)                    |                  |                       |
| ACGIH                                                                           | Remark (ACGIH)   | OELs not established  |
| OSHA                                                                            | Remark (OSHA)    | OELs not established  |
| Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7) |                  |                       |
| ACGIH                                                                           | Remark (ACGIH)   | OELs not established  |
| OSHA                                                                            | Remark (OSHA)    | OELs not established  |

### 8.2. Appropriate engineering controls

Appropriate engineering controls

: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

### 8.3. Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



Personal protective equipment:

Gloves. Protective goggles. Wear chemically impervious apron over labcoat and full coverage clothing. Insufficient ventilation: wear respiratory protection.

#### Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl. Suitable gloves for this specific application can be recommended by the glove supplier.

#### Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

#### Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

#### Respiratory protection:

Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                |                                      |
|----------------|--------------------------------------|
| Physical state | : Liquid                             |
| Color          | : black & blue                       |
| Odor           | : No data available                  |
| Odor threshold | : No data available                  |
| pH             | : No data available                  |
| Melting point  | : No data available                  |
| Freezing point | : No data available                  |
| Boiling point  | : No data available                  |
| Flash point    | : 15 °C (59 °F) (VM&P Naphtha value) |

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|                                                 |                     |
|-------------------------------------------------|---------------------|
| Relative evaporation rate (butyl acetate=1)     | : No data available |
| Flammability                                    | : No data available |
| Vapor pressure                                  | : No data available |
| Relative vapor density at 20°C                  | : No data available |
| Relative density                                | : No data available |
| Solubility                                      | : No data available |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Auto-ignition temperature                       | : No data available |
| Decomposition temperature                       | : No data available |
| No data availableViscosity, kinematic           | : No data available |
| Viscosity, dynamic                              | : No data available |
| Explosion limits                                | : No data available |
| Explosive properties                            | : No data available |
| Oxidizing properties                            | : No data available |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

Ignition sources. Heat. Sparks. Open flame. Static electricity.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| Toluene (108-88-3)    |                       |
|-----------------------|-----------------------|
| LD50 oral rat         | 5000 mg/kg            |
| LD50 dermal rabbit    | 5000 mg/kg            |
| LC50 Inhalation - Rat | 384 mg/m <sup>3</sup> |

| Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9) |                                 |
|------------------------------------------------------------------------------------------|---------------------------------|
| LD50 oral rat                                                                            | 5170 mg/kg (Source: CHEMVIEW)   |
| LD50 dermal rabbit                                                                       | > 3000 mg/kg (Source: ECHA_API) |
| LC50 Inhalation - Rat [ppm]                                                              | > 12408 ppm/4h                  |

| Naphtha, petroleum, hydrotreated light (64742-49-0) |                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| LD50 oral rat                                       | > 5000 mg/kg                                                                           |
| LD50 dermal rat                                     | 2800 – 3100 mg/kg body weight Animal: rat                                              |
| LD50 dermal rabbit                                  | > 3160 mg/kg                                                                           |
| LC50 Inhalation - Rat                               | > 23.3 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity) |
| LC50 Inhalation - Rat [ppm]                         | 73680 ppm/4h                                                                           |

| n-Heptane (142-82-5) |            |
|----------------------|------------|
| LD50 oral rat        | 5000 mg/kg |

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|                                                                     |                                                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>n-Heptane (142-82-5)</b>                                         |                                                                                                                                                                                                                                                                                                        |
| LD50 dermal rat                                                     | 2800 – 3100 mg/kg body weight Animal: rat, Remarks on results: other:                                                                                                                                                                                                                                  |
| LD50 dermal rabbit                                                  | 3000 mg/kg                                                                                                                                                                                                                                                                                             |
| LC50 Inhalation - Rat                                               | 103 g/m³ 4h                                                                                                                                                                                                                                                                                            |
| <b>Solvent naphtha, petroleum, light aliphatic (64742-89-8)</b>     |                                                                                                                                                                                                                                                                                                        |
| LD50 oral rat                                                       | 5000 mg/kg mouse; (Source: IUCLID)                                                                                                                                                                                                                                                                     |
| LD50 dermal rabbit                                                  | 3000 mg/kg (Source: IUCLID)                                                                                                                                                                                                                                                                            |
| <b>Octane (111-65-9)</b>                                            |                                                                                                                                                                                                                                                                                                        |
| LD50 oral rat                                                       | > 5000 mg/kg Source: ECHA                                                                                                                                                                                                                                                                              |
| LD50 dermal rabbit                                                  | > 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EPA OPPTS 870.1200 (Acute Dermal Toxicity)                                                                                                                                                  |
| LC50 Inhalation - Rat                                               | 118 g/m³ 4 h                                                                                                                                                                                                                                                                                           |
| <b>Hexane (110-54-3)</b>                                            |                                                                                                                                                                                                                                                                                                        |
| LD50 oral rat                                                       | 25 g/kg (Source: NLM_CIP)                                                                                                                                                                                                                                                                              |
| LD50 dermal rat                                                     | > 2000 mg/kg Source: ECHA                                                                                                                                                                                                                                                                              |
| LD50 dermal rabbit                                                  | 3000 mg/kg                                                                                                                                                                                                                                                                                             |
| LC50 Inhalation - Rat [ppm]                                         | 48000 ppm/4h                                                                                                                                                                                                                                                                                           |
| <b>Methyl ethyl ketone (78-93-3)</b>                                |                                                                                                                                                                                                                                                                                                        |
| LD50 oral rat                                                       | 2483 mg/kg (Source: JAPAN_GHS)                                                                                                                                                                                                                                                                         |
| LD50 dermal rabbit                                                  | 5000 mg/kg (Source: JAPAN_GHS)                                                                                                                                                                                                                                                                         |
| LC50 Inhalation - Rat [ppm]                                         | 11700 ppm/4h                                                                                                                                                                                                                                                                                           |
| <b>Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)</b> |                                                                                                                                                                                                                                                                                                        |
| LD50 oral rat                                                       | 2615 mg/kg                                                                                                                                                                                                                                                                                             |
| Skin corrosion/irritation                                           | : Causes skin irritation.                                                                                                                                                                                                                                                                              |
| Serious eye damage/irritation                                       | : Causes serious eye irritation.                                                                                                                                                                                                                                                                       |
| Respiratory or skin sensitization                                   | : May cause an allergic skin reaction.                                                                                                                                                                                                                                                                 |
| Germ cell mutagenicity                                              | : Not classified.                                                                                                                                                                                                                                                                                      |
| Carcinogenicity                                                     | : Not classified                                                                                                                                                                                                                                                                                       |
| Reproductive toxicity                                               | : Suspected of damaging fertility or the unborn child.                                                                                                                                                                                                                                                 |
| STOT-single exposure                                                | : May cause drowsiness or dizziness.                                                                                                                                                                                                                                                                   |
| STOT-repeated exposure                                              | : May cause damage to organs through prolonged or repeated exposure.                                                                                                                                                                                                                                   |
| <b>Toluene (108-88-3)</b>                                           |                                                                                                                                                                                                                                                                                                        |
| LOAEL (oral,rat,90 days)                                            | 1250 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                                                                                                                                    |
| NOAEL (oral,rat,90 days)                                            | 625 mg/kg body weight Animal: rat, Guideline: EU Method B.26 (Sub-Chronic Oral Toxicity Test: Repeated Dose 90-Day Oral Toxicity Study in Rodents)                                                                                                                                                     |
| NOAEC (inhalation,rat,vapor,90 days)                                | 2.355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)                                                                                                                                                                                                   |
| <b>Naphtha, petroleum, hydrotreated light (64742-49-0)</b>          |                                                                                                                                                                                                                                                                                                        |
| LOAEC (inhalation,rat,vapor,90 days)                                | 4.71 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)                                                                                                                                                                                                    |
| NOAEC (inhalation,rat,vapor,90 days)                                | 2355 mg/l air Animal: rat, Guideline: EU Method B.29 (Sub-Chronic Inhalation Toxicity:90-Day Study)                                                                                                                                                                                                    |
| <b>n-Heptane (142-82-5)</b>                                         |                                                                                                                                                                                                                                                                                                        |
| LOAEC (inhalation,rat,vapor,90 days)                                | 16.6 mg/l air Animal: rat, Animal sex: male                                                                                                                                                                                                                                                            |
| NOAEC (inhalation,rat,vapor,90 days)                                | 3.3 mg/l air Animal: rat, Animal sex: male                                                                                                                                                                                                                                                             |
| <b>Octane (111-65-9)</b>                                            |                                                                                                                                                                                                                                                                                                        |
| NOAEC (inhalation,rat,vapor,90 days)                                | 24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)                                                                                                                                                                                                |
| Aspiration hazard                                                   | : May be fatal if swallowed and enters airways.                                                                                                                                                                                                                                                        |
| Viscosity, kinematic                                                | : No data available                                                                                                                                                                                                                                                                                    |
| Symptoms/effects                                                    | : May be fatal if swallowed and enters airways. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. |



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|                                     |                                                                                                                                               |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Symptoms/effects after inhalation   | : May cause drowsiness or dizziness.                                                                                                          |
| Symptoms/effects after skin contact | : May cause skin irritation. May cause an allergic skin reaction.                                                                             |
| Symptoms/effects after eye contact  | : Causes serious eye irritation.                                                                                                              |
| Symptoms/effects after ingestion    | : May be fatal if swallowed and enters airways.                                                                                               |
| Chronic symptoms                    | : Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. |

### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : No information available.

#### 12.2. Persistence and degradability

Persistence and degradability : No information available.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential : No information available.

#### 12.4. Mobility in soil

Ecology - soil : No information available.

#### 12.5. Other adverse effects

Other adverse effects : No information available.

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

### SECTION 14: Transport information

#### Department of Transportation (DOT)

In accordance with DOT

|                                      |                                                                 |
|--------------------------------------|-----------------------------------------------------------------|
| Transport document description (DOT) | : UN1139 Coating solution, 3, II                                |
| UN-No. (DOT)                         | : UN1139                                                        |
| Proper Shipping Name (DOT)           | : Coating solution                                              |
| Class (DOT)                          | : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120 |
| Packing group (DOT)                  | : II - Medium Danger                                            |
| Hazard labels (DOT)                  | : 3 - Flammable liquid                                          |



DOT Quantity Limitations Passenger aircraft/rail : 5 L  
(49 CFR 173.27)

DOT Quantity Limitations Cargo aircraft only (49 : 60 L  
CFR 175.75)

DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Other information : No supplementary information available.

#### Transportation of Dangerous Goods

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Transport document description (TDG) | : UN1139 COATING SOLUTION, 3, II  |
| UN-No. (TDG)                         | : UN1139                          |
| Proper Shipping Name (TDG)           | : COATING SOLUTION                |
| TDG Primary Hazard Classes           | : 3 - Class 3 - Flammable Liquids |

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Packing group (TDG) : II - Medium Danger  
Explosive Limit and Limited Quantity Index : 5 L  
Passenger Carrying Road Vehicle or Passenger : 5 L  
Carrying Railway Vehicle Index

### Transport by sea (IMDG)

Transport document description (IMDG) : UN 1139 COATING SOLUTION, 3, II  
UN-No. (IMDG) : 1139  
Proper Shipping Name (IMDG) : COATING SOLUTION  
Class (IMDG) : 3 - Flammable liquids  
Packing group (IMDG) : II - substances presenting medium danger  
Limited quantities (IMDG) : 5 L

### Air transport (IATA)

Transport document description (IATA) : UN 1139 Coating solution, 3, II  
UN-No. (IATA) : 1139  
Proper Shipping Name (IATA) : Coating solution  
Class (IATA) : 3 - Flammable Liquids  
Packing group (IATA) : II - Medium danger

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

| Plasti Dip® Spray Black & Blue                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| All chemical substances in this product are listed as "Active" in the EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule") of Feb. 2019, as amended Feb. 2021, or are otherwise exempt or regulated by other agencies such as FDA or FIFRA |                                                                                                                                                                                                                                                                                                                                         |
| SARA Section 311/312 Hazard Classes                                                                                                                                                                                                                                                                              | Physical hazard - Flammable (gases, aerosols, liquids, or solids)<br>Health hazard - Skin corrosion or Irritation<br>Health hazard - Serious eye damage or eye irritation<br>Health hazard - Specific target organ toxicity (single or repeated exposure)<br>Health hazard - Reproductive toxicity<br>Health hazard - Aspiration hazard |
| Toluene (108-88-3)                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                         |
| Subject to reporting requirements of United States SARA Section 313                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                         |
| CERCLA RQ                                                                                                                                                                                                                                                                                                        | 1000 lb                                                                                                                                                                                                                                                                                                                                 |
| Hexane (110-54-3)                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                         |
| Subject to reporting requirements of United States SARA Section 313                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                         |
| CERCLA RQ                                                                                                                                                                                                                                                                                                        | 5000 lb                                                                                                                                                                                                                                                                                                                                 |
| Methyl ethyl ketone (78-93-3)                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                         |
| Not subject to reporting requirements of the United States SARA Section 313                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                         |
| CERCLA RQ                                                                                                                                                                                                                                                                                                        | 5000 lb                                                                                                                                                                                                                                                                                                                                 |

### 15.2. International regulations

No additional information available

### 15.3. US State regulations

 **WARNING:** This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component          | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|--------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------------|
| Toluene (108-88-3) |                 | X                      |                            |                              |                                  | 7000 µg/day                         |

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| Component                                | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL)             | Maximum allowable dose level (MADL)      |
|------------------------------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------------------|------------------------------------------|
| Benzene (71-43-2)                        | X               | X                      | X                          |                              | 6.4 µg/day (oral);<br>13 µg/day (inhalation) | 24 µg/day (oral); 49 µg/day (inhalation) |
| Cumene (98-82-8)                         | X               |                        |                            |                              |                                              |                                          |
| Ethylbenzene (100-41-4)                  | X               |                        |                            |                              | 54 µg/day (inhalation); 41 µg/day (oral)     |                                          |
| Naphthalene (91-20-3)                    | X               |                        |                            |                              | 5.8 µg/day                                   |                                          |
| n-Hexane (110-54-3)                      |                 |                        | X                          |                              |                                              | 28000 µg/day oral                        |
| Silica: Crystalline, quartz (14808-60-7) | X               |                        |                            |                              |                                              |                                          |
| Carbon black (1333-86-4)                 | X               |                        |                            |                              |                                              |                                          |

| Component                                | State or local regulations                                                                                                                                                                                                      |
|------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toluene (108-88-3)                       | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| Benzene (71-43-2)                        | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| Cumene (98-82-8)                         | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances |
| Ethylbenzene (100-41-4)                  | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| n-Heptane (142-82-5)                     | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                      |
| Octane (111-65-9)                        | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                      |
| Naphthalene (91-20-3)                    | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| Hexane (110-54-3)                        | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                      |
| Limestone (1317-65-3)                    | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                                      |
| Silica: Crystalline, quartz (14808-60-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| Methyl ethyl ketone (78-93-3)            | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List                                                                           |
| Silica, amorphous (7631-86-9)            | U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                                                                                       |
| Xylene (1330-20-7)                       | U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Massachusetts - Right To Know List                                                    |
| Stoddard solvent (8052-41-3)             | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List                                                                           |
| Carbon black (1333-86-4)                 | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Massachusetts - Right To Know List; U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances |

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| Component                  | State or local regulations                                                                                 |
|----------------------------|------------------------------------------------------------------------------------------------------------|
| Barium sulfate (7727-43-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

### SECTION 16: Other information

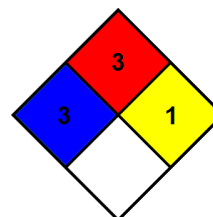
Revision date : 05/15/2025

Other information : Author: WJS.

NFPA health hazard : 3 - Materials that, under emergency conditions, can cause serious or permanent injury.

NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity : 1 - Materials that in themselves are normally stable but can become unstable at elevated temperatures and pressures.



#### HMIS Hazard Rating

Health : 3\*

\* - Chronic (long-term) health effects may result from repeated overexposure

Flammability : 3

Physical : 1

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*