

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Liquid Tape Red
 Product code : 1405C1, 14541, LET14Z01

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. 2 H319
 Carc. 2 H351
 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
 H319 - Causes serious eye irritation
 H336 - May cause drowsiness or dizziness
 H351 - Suspected of causing cancer.
 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 mist, vapors, spray.
 P264 - Wash hands, forearms and face thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P280 - Wear protective gloves.
 P301+P310 - IF SWALLOWED: Immediately call a doctor, a poison center
 P302+P352 - If on skin: Wash with plenty of soap and water.
 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.

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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.
P332+P313 - If skin irritation 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 (CO₂), 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	%
Naphtha, petroleum, hydrotreated light	(CAS-No.) 64742-49-0	30 – 60
Solvent naphtha, petroleum, light aliphatic	(CAS-No.) 64742-89-8	30 – 60
Distillates, petroleum, light distillate hydrotreating process, low-boiling	(CAS-No.) 68410-97-9	15 – 40
Xylene	(CAS-No.) 1330-20-7	10 – 30
Heptane, branched, cyclic and linear	(CAS-No.) 426260-76-6	10 – 30
n-Heptane	(CAS-No.) 142-82-5	7 – 13
Methyl ethyl ketone	(CAS-No.) 78-93-3	7 – 13
Ethylbenzene	(CAS-No.) 100-41-4	3 – 7
Octane	(CAS-No.) 111-65-9	1 – 5
Cyclohexane	(CAS-No.) 110-82-7	1 – 5
Cumene	(CAS-No.) 98-82-8	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 affected. If breathing is difficult, supply oxygen.
- 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.
- 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.

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

- Symptoms/effects : May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. 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	: Causes skin irritation.
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 causing cancer. 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.

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. Do not breathe mist, vapors.

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. Do not store above 120 °F.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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® TLV® 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
Solvent naphtha, petroleum, light aliphatic (64742-89-8)		
ACGIH	ACGIH® TLV® TWA	100 ppm
ACGIH	Regulatory reference	ACGIH 2024
OSHA	Remark (OSHA)	OELs not established
Octane (111-65-9)		
ACGIH	ACGIH® TLV® 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
n-Heptane (142-82-5)		
ACGIH	ACGIH® TLV® TWA	400 ppm
ACGIH	ACGIH® TLV® 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
OSHA	OSHA PEL STEL	500 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Ethylbenzene (100-41-4)		
ACGIH	ACGIH® TLV® TWA	20 ppm

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Ethylbenzene (100-41-4)		
ACGIH	Remark (ACGIH®)	TLV® Basis: URT & eye irr; ototoxicity; kidney eff; CNS impair. Notations: OTO (Ototoxicant); A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
ACGIH	Regulatory reference	ACGIH 2025
OSHA	OSHA PEL TWA	435 mg/m³
OSHA	OSHA PEL TWA	100 ppm
OSHA	OSHA PEL STEL	545 mg/m³
OSHA	OSHA PEL STEL	125 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
IDLH	IDLH	800 ppm (10% LEL)
NIOSH	NIOSH REL (TWA)	435 mg/m³
NIOSH	NIOSH REL (TWA)	100 ppm
NIOSH	NIOSH REL (STEL)	545 mg/m³
NIOSH	NIOSH REL (STEL)	125 ppm
NIOSH	Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Heptane, branched, cyclic and linear (426260-76-6)		
ACGIH	Remark (ACGIH®)	OELs not established
OSHA	Remark (OSHA)	OELs not established
Cyclohexane (110-82-7)		
ACGIH	ACGIH® TLV® TWA	100 ppm
ACGIH	Remark (ACGIH®)	TLV® Basis: CNS impair
ACGIH	Regulatory reference	ACGIH 2024
OSHA	OSHA PEL TWA	1050 mg/m³
OSHA	OSHA PEL TWA	300 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
IDLH	IDLH	1300 ppm (10% LEL)
NIOSH	NIOSH REL (TWA)	1050 mg/m³
NIOSH	NIOSH REL (TWA)	300 ppm
Xylene (1330-20-7)		
ACGIH	ACGIH® TLV® TWA	221 mg/m³
ACGIH	ACGIH® TLV® TWA	50 ppm
ACGIH	ACGIH® TLV® STEL	442 mg/m³
ACGIH	ACGIH® TLV® STEL	100 ppm
ACGIH	Remark (ACGIH®)	TLV® Basis: URT & eye irr; hematologic eff; ototoxicity (for mixtures containing p-xylene); CNS impair. Notations: OTO (for mixtures containing p-xylene); A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH	Regulatory reference	ACGIH 2025
OSHA	OSHA PEL TWA	435 mg/m³
OSHA	OSHA PEL TWA	100 ppm
OSHA	OSHA PEL STEL	655 mg/m³
OSHA	OSHA PEL STEL	150 ppm
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

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Xylene (1330-20-7)		
NIOSH	NIOSH REL (STEL)	150 ppm
NIOSH	Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Cumene (98-82-8)		
ACGIH	ACGIH® TLV® TWA	25 mg/m³
ACGIH	ACGIH® TLV® TWA	50 ppm
ACGIH	Remark (ACGIH®)	TLV® Basis: URT adenoma; neurological eff. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH	Regulatory reference	ACGIH 2025
OSHA	OSHA PEL TWA	245 mg/m³
OSHA	OSHA PEL TWA	50 ppm
OSHA	Limit value category (OSHA)	prevent or reduce skin absorption
OSHA	Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
IDLH	IDLH	900 ppm (10% LEL)
NIOSH	NIOSH REL (TWA)	245 mg/m³
NIOSH	NIOSH REL (TWA)	50 ppm
NIOSH	US-NIOSH chemical category	Potential for dermal absorption
NIOSH	Regulatory reference (US-NIOSH)	OSHA Annotated Table Z-1 (NIOSH Pocket Guide to Chemical Hazards (NPG))
Methyl ethyl ketone (78-93-3)		
ACGIH	ACGIH® TLV® TWA	200 ppm
ACGIH	ACGIH® TLV® 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
NIOSH	NIOSH REL (STEL)	885 mg/m³
NIOSH	NIOSH REL (STEL)	300 ppm

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.

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8.3. Individual protection measures/Personal protective equipment

Personal protective equipment symbol(s):



Personal protective equipment:

Gloves. Protective goggles. Insufficient ventilation: wear respiratory protection. Protective clothing.

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	: Red
Odor	: Characteristic
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)
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

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9.2. Other information
VOC content : No data 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**
Strong acids. Strong bases. Strong oxidizing agents. selected amines with alkali metals and halogens.
- 10.6. Hazardous decomposition products**
Carbon oxides (CO, CO2).

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

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
Solvent naphtha, petroleum, light aliphatic (64742-89-8)	
LD50 oral rat	5000 mg/kg mouse; (Source: IUCLID)
LD50 dermal rabbit	3000 mg/kg (Source: IUCLID)
Octane (111-65-9)	
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
n-Heptane (142-82-5)	
LD50 oral rat	5000 mg/kg
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
Ethylbenzene (100-41-4)	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15400 mg/kg
LC50 Inhalation - Rat	17.2 mg/l/4h
LC50 Inhalation - Rat [ppm]	4000 ppm Source: ECHA, Harmonized classification of EU CLP
Cyclohexane (110-82-7)	
LD50 oral rat	12705 mg/kg

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Cyclohexane (110-82-7)	
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	13.9 mg/l/4h
Xylene (1330-20-7)	
LD50 oral rat	3523 mg/kg
LD50 dermal rabbit	12126 mg/kg body weight Animal: rabbit, Animal sex: male, Remarks on results: other:
LC50 Inhalation - Rat	27124 mg/m ³ (air)
LC50 Inhalation - Rat [ppm]	5922 ppm
Cumene (98-82-8)	
LD50 oral rat	2910 mg/kg Source: HSDB
LD50 dermal rabbit	12300 µl/kg
LC50 Inhalation - Rat [ppm]	> 3577 ppm 6 h
Methyl ethyl ketone (78-93-3)	
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
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Ethylbenzene (100-41-4)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity
In OSHA Hazard Communication Carcinogen list	Yes
Cumene (98-82-8)	
IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
In OSHA Hazard Communication Carcinogen list	Yes
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.
Naphtha, petroleum, hydrotreated light (64742-49-0)	
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)
Octane (111-65-9)	
NOAEC (inhalation, rat, vapor, 90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)
n-Heptane (142-82-5)	
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
Ethylbenzene (100-41-4)	
NOAEL (oral, rat, 90 days)	75 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
Xylene (1330-20-7)	
LOAEL (oral, rat, 90 days)	150 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity)
Aspiration hazard	: May be fatal if swallowed and enters airways.
Viscosity, kinematic	: No data available

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Symptoms/effects	: May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of causing cancer. 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	: Causes skin irritation.
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 causing cancer. 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 CFR 175.75) : 60 L

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

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Proper Shipping Name (TDG)	: COATING SOLUTION
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
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

F825 C-1 Red Liquid Tape in Pouring Drum	
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) Health hazard - Carcinogenicity Health hazard - Reproductive toxicity Health hazard - Serious eye damage or eye irritation Health hazard - Skin corrosion or Irritation Health hazard - Specific target organ toxicity (single or repeated exposure) Health hazard - Aspiration hazard
Ethylbenzene (100-41-4)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb
Cyclohexane (110-82-7)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	1000 lb
Xylene (1330-20-7)	
Subject to reporting requirements of United States SARA Section 313	
CERCLA RQ	100 lb
Cumene (98-82-8)	
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

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⚠ 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.

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
Benzene (71-43-2)	X	X	X		6.4 µg/day (oral); 13 µg/day (inhalation)	24 µg/day (oral); 49 µg/day (inhalation)
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					
Cumene (98-82-8)	X					
p-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene (98-56-6)	X				23 µg/day	
Formaldehyde (50-00-0)	X				40 µg/day	
Methanol (67-56-1)		X				47000 µg/day (inhalation); 23,000 µg/day (oral)

Component	State or local regulations
Octane (111-65-9)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (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
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
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
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
Cyclohexane (110-82-7)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Hexane (110-54-3)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List
Isopropyl alcohol (67-63-0)	U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard 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

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Component	State or local regulations
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
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
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
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
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
Formaldehyde (50-00-0)	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 alcohol (67-56-1)	U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List; U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S. - Massachusetts - Right To Know List

SECTION 16: Other information

- Revision date

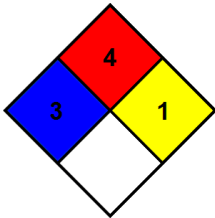
: 01/13/2026
- Other information

: Author: WJS.
- NFPA health hazard

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

: 4 - Materials that rapidly or completely vaporize at atmospheric pressure and normal ambient temperature or that are readily dispersed in air and burn readily.
- 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

: 4
- 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.