GET Plasti Dip UV Red

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 12/7/2018 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form	: Mixture
Product name	: GET Plasti Dip UV Red
Product code	: GETF954154C1-UV
Product group	: Trade product

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Use of the substance/mixture : Coating Solution

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer	Distributor	EU Importer of Record
Plasti Dip International, Inc.	Global Express	
3920 Pheasant Ridge Drive	7 Indian Path	
Blaine, MN 55449	Millstone, NJ 08535	
Phone - (763) 785-2156	(732) 977-0605	

1.4. Emergency telephone number

Manufacturer Emergency number	Distributor Emergency number	Importer Emergency number
CHEMTREC: 1-800-424-9300 (US); +1 703-741-5970 (International)	Infotrac: (US) 800-535-5053 (International) +1-352+323+3500	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]Mixtures/Substances: SDS EU 2015: According to Regulation (EU) 2015/830 (REACH Annex II)

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 2	H361
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Specific target organ toxicity — Repeated exposure, Category 2	H373
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 2	H411

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08 GHS09

Signal word (CLP) : Danger

Hazardous ingredients : Distillates, petroleum, light distillate hydrotreating process, low-boiling; Naphtha, petroleum, hydrotreated light; Solvent naphtha, petroleum, light aliphatic; Octane; n-Heptane; Toluene; Benzene; Ethylbenzene; Stoddard solvent; Methyl ethyl ketoxime

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
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.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P102 – Keep out of reach of children
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear eye protection, protective gloves, protective clothing.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P370+P378+P331 - In case of fire: Use foam, Carbon dioxide (CO2), extinguishing powder to extinguish. Do NOT induce vomiting
P501 - Dispose of contents to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards
No additional information available

SECTION 3: Composition/information on ingredients
3.1. Substances
Not applicable
3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Naphtha, petroleum, hydrotreated light	(CAS-No.) 64742-49-0 (EC-No.) 265-151-9 (EC Index-No.) 649-328-00-1	30 – 60	Carc. 1B, H350* Muta. 1B, H340* Asp. Tox. 1, H304
Distillates, petroleum, light distillate hydrotreating process, low-boiling	(CAS-No.) 68410-97-9	30 – 60	Muta. 1B, H340* Carc. 1B, H350* Asp. Tox. 1, H304
Solvent naphtha, petroleum, light aliphatic	(CAS-No.) 64742-89-8	30 – 60	Muta. 1B, H340* Carc. 1B, H350* Asp. Tox. 1, H304
Xylenes (o-, m-, p- isomers)	(CAS-No.) 1330-20-7 (EC-No.) 215-535-7 (EC Index-No.) 601-022-00-9	10 – 30	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
Methyl isobutyl ketone	(CAS-No.) 108-10-1 (EC-No.) 203-550-1 (EC Index-No.) 606-004-00-4	7 – 13	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Eye Irrit. 2, H319 STOT SE 3, H335
Ethylbenzene	(CAS-No.) 100-41-4 (EC-No.) 202-849-4 (EC Index-No.) 601-023-00-4	3 – 7	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304
Octane	(CAS-No.) 111-65-9	3 – 7	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
n-Heptane	(CAS-No.) 142-82-5 (EC-No.) 205-563-8 (EC Index-No.) 601-008-00-2	3 – 7	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Toluene	(CAS-No.) 108-88-3 (EC-No.) 203-625-9 (EC Index-No.) 601-021-00-3	0,5 – 1,5	Flam. Liq. 2, H225 Repr. 2, H361d Asp. Tox. 1, H304 STOT RE 2, H373 Skin Irrit. 2, H315 STOT SE 3, H336
Stoddard solvent	(CAS-No.) 8052-41-3 (EC-No.) 232-489-3 (EC Index-No.) 649-345-00-4	0,1 – 1	Carc. 1B, H350 Muta. 1B, H340 Asp. Tox. 1, H304 STOT RE 1, H372

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	(CAS-No.) 41556-26-7	0,1 – 1	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Cumene	(CAS-No.) 98-82-8 (EC-No.) 202-704-5 (EC Index-No.) 601-024-00-X	0,1 – 1	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335 Aquatic Chronic 2, H411
Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester	(CAS-No.) 82919-37-7	0,1 – 1	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

*** Note P: The classification as a carcinogen or mutagen need not apply if it can be shown that the substance contains less than 0,1 % w/w benzene (EINECS No 200-753-7).**

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.

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, both acute and delayed

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

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.

Explosion hazard : Heating may cause an explosion.

Reactivity in case of fire : None known.

Hazardous decomposition products in case of fire : Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon oxides and other organic compounds will be evolved when this material undergoes thermal degradation.

5.3. Advice for firefighters

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 clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8).

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.

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.

7.3. Specific end use(s)

Coating Solution.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)
WELs not established

Naphtha, petroleum, hydrotreated light (64742-49-0)
WELs not established

Solvent naphtha, petroleum, light aliphatic (64742-89-8)
WELs not established

Octane (111-65-9)		
United Kingdom	WEL TWA (mg/m³)	1200 mg/m³
United Kingdom	WEL TWA (ppm)	210 ppm
USA - ACGIH	Local name	Octane
USA - ACGIH	ACGIH TWA (ppm)	300 ppm
USA - ACGIH	Remark (ACGIH)	URT irr
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Octane
USA - OSHA	OSHA PEL (TWA) (mg/m³)	2350 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	500 ppm
USA - OSHA	OSHA PEL (STEL) (mg/m³)	1800 mg/m³ Vacated

Octane (111-65-9)		
USA - OSHA	OSHA PEL (STEL) (ppm)	375 ppm Vacated

n-Heptane (142-82-5)		
EU	IOELV TWA (mg/m³)	2085 mg/m³
EU	IOELV TWA (ppm)	500 ppm
United Kingdom	WEL TWA (ppm)	500 ppm
USA - ACGIH	Local name	Heptane, all isomers
USA - ACGIH	ACGIH TWA (ppm)	400 ppm
USA - ACGIH	ACGIH STEL (ppm)	500 ppm (listed under Heptane, all isomers)
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Heptane (n-Heptane)
USA - OSHA	OSHA PEL (TWA) (mg/m³)	2000 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	500 ppm
USA - OSHA	OSHA PEL (STEL) (mg/m³)	2000 mg/m³
USA - OSHA	OSHA PEL (STEL) (ppm)	500 ppm

Toluene (108-88-3)		
EU	IOELV TWA (mg/m³)	192 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	384 mg/m³
EU	IOELV STEL (ppm)	100 ppm
United Kingdom	WEL TWA (mg/m³)	191 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	384 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
USA - ACGIH	Local name	Toluene
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	Visual impair; female repro;
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Toluene
USA - OSHA	OSHA PEL (TWA) (ppm)	200 ppm
USA - OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm (500 ppm Peak [10 minutes])
USA - OSHA	Remark (OSHA)	(2) See Table Z-2.

Benzene (71-43-2)		
EU	IOELV TWA (mg/m³)	3.25 mg/m³
EU	IOELV TWA (ppm)	1 ppm
United Kingdom	WEL TWA (ppm)	1 ppm
USA - ACGIH	Local name	Benzene
USA - ACGIH	ACGIH TWA (ppm)	0.5 ppm
USA - ACGIH	ACGIH STEL (ppm)	2.5 ppm
USA - ACGIH	Remark (ACGIH)	Leukemia
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Benzene
USA - OSHA	OSHA PEL (TWA) (ppm)	1 ppm

Benzene (71-43-2)		
USA - OSHA	OSHA PEL (STEL) (ppm)	5 ppm (see 29 CFR 1910.1028)
USA - OSHA	OSHA PEL (Ceiling) (ppm)	25 ppm

Ethylbenzene (100-41-4)		
EU	IOELV TWA (mg/m³)	442 mg/m³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m³)	884 mg/m³
EU	IOELV STEL (ppm)	200 ppm
United Kingdom	WEL TWA (mg/m³)	441 mg/m³
United Kingdom	WEL TWA (ppm)	100 ppm
United Kingdom	WEL STEL (mg/m³)	552 mg/m³
United Kingdom	WEL STEL (ppm)	125 ppm
USA - ACGIH	Local name	Ethyl benzene
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	Remark (ACGIH)	URT irr; kidney dam (nephropathy)
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Ethyl benzene
USA - OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA - OSHA	OSHA PEL (STEL) (mg/m³)	545 mg/m³
USA - OSHA	OSHA PEL (STEL) (ppm)	125 ppm

Naphthalene (91-20-3)		
United Kingdom	WEL TWA (mg/m³)	[53]* mg/m³
United Kingdom	WEL TWA (ppm)	[10]* ppm
United Kingdom	WEL STEL (mg/m³)	[80]* mg/m³
United Kingdom	WEL STEL (ppm)	[15]* ppm
USA - ACGIH	Local name	Naphthalene
USA - ACGIH	ACGIH TWA (ppm)	10 ppm
USA - ACGIH	ACGIH STEL (ppm)	15 ppm
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Naphthalene
USA - OSHA	OSHA PEL (TWA) (mg/m³)	50 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	10 ppm

Xylenes (o-, m-, p- isomers) (1330-20-7)		
EU	IOELV TWA (mg/m³)	221 mg/m³
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m³)	442 mg/m³
EU	IOELV STEL (ppm)	100 ppm
United Kingdom	WEL TWA (mg/m³)	220 mg/m³
United Kingdom	WEL TWA (ppm)	50 ppm
United Kingdom	WEL STEL (mg/m³)	441 mg/m³
United Kingdom	WEL STEL (ppm)	100 ppm
USA - ACGIH	Local name	Xylene

Xylenes (o-, m-, p- isomers) (1330-20-7)		
USA - ACGIH	ACGIH TWA (mg/m³)	221 mg/m³
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	ACGIH STEL (mg/m³)	442 mg/m³
USA - ACGIH	ACGIH STEL (ppm)	100 ppm
USA - ACGIH	Remark (ACGIH)	URT & eye irr; CNS impair
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Xylenes (o-, m-, p-isomers)
USA - OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm
USA - OSHA	OSHA PEL (STEL) (mg/m³)	655 mg/m³
USA - OSHA	OSHA PEL (STEL) (ppm)	150 ppm

Cumene (98-82-8)		
EU	IOELV TWA (mg/m³)	100 mg/m³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m³)	250 mg/m³
EU	IOELV STEL (ppm)	50 ppm
United Kingdom	WEL TWA (mg/m³)	125 mg/m³
United Kingdom	WEL TWA (ppm)	25 ppm
United Kingdom	WEL STEL (mg/m³)	375 mg/m³
United Kingdom	WEL STEL (ppm)	75 ppm
USA - ACGIH	Local name	Cumene
USA - ACGIH	ACGIH TWA (ppm)	50 ppm
USA - ACGIH	Remark (ACGIH)	Eye, skin, & URT irr; CNS impair
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Cumene
USA - OSHA	OSHA PEL (TWA) (mg/m³)	245 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	50 ppm

Methyl isobutyl ketone (108-10-1)		
EU	IOELV TWA (mg/m³)	600 mg/m³
EU	IOELV TWA (ppm)	200 ppm
EU	IOELV STEL (mg/m³)	900 mg/m³
EU	IOELV STEL (ppm)	300 ppm
United Kingdom	WEL TWA (mg/m³)	600 mg/m³
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (mg/m³)	899 mg/m³
United Kingdom	WEL TWA (ppm)	300 ppm
USA - ACGIH	ACGIH TWA (ppm)	20 ppm
USA - ACGIH	ACGIH STEL (ppm)	75 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m³)	410 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	100 ppm

Limestone (1317-65-3)		
USA - OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³ respirable fraction

Silica: Crystalline, quartz (14808-60-7)		
USA - ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m³ (respirable fraction)
USA - OSHA	Local name	Quartz (Respirable) (Silica: Crystalline)
USA - OSHA	OSHA PEL (TWA) (mg/m³)	(30)/(%SiO2 + 2) total dust; (10)/(%SiO2 + 2) respirable fraction
USA - OSHA	OSHA PEL (TWA) (ppm)	(250)/(%SiO2 + 5) respirable fraction
USA - OSHA	Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO2+5)) for mppcf and (10 mg/m3 / (%SiO2+2)) for mg/m3. CAS No. source: eCFR Table Z-1.

Benzene, ethenyl-, polymer with (1-methylethenyl)benzene (9011-11-4)
WELs not established

Barium sulfate (7727-43-7)		
EU	Remark (BLV – EU)	OELs not established
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol
USA - ACGIH	Local name	Barium sulfate
USA - ACGIH	ACGIH TWA (mg/m³)	5 mg/m³
USA - ACGIH	Remark (ACGIH)	Pneumoconiosis
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	OSHA PEL (TWA) (mg/m³)	5 mg/m³ (respirable fraction)

Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate (41556-26-7)
WELs not established

Decanedioic acid, methyl 1,2,2,6,6-pentamethyl-4-piperidinyl ester (82919-37-7)
WELs not established

C.I. Pigment Red 3 (2425-85-6)
WELs not established

Stoddard solvent (8052-41-3)		
USA - ACGIH	Local name	Stoddard solvent
USA - ACGIH	ACGIH TWA (ppm)	100 ppm
USA - ACGIH	Remark (ACGIH)	Eye, skin, & kidney dam;
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Stoddard solvent
USA - OSHA	OSHA PEL (TWA) (mg/m³)	2900 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	500 ppm

Titanium dioxide (13463-67-7)		
United Kingdom	WEL TWA (mg/m³)	10 mg/m³ inhalable aerosol 4 mg/m³ respirable aerosol
USA - ACGIH	Local name	Titanium dioxide
USA - ACGIH	ACGIH TWA (mg/m³)	10 mg/m³

Titanium dioxide (13463-67-7)		
USA - ACGIH	Remark (ACGIH)	LRT irr; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
USA - ACGIH	Regulatory reference	ACGIH 2018
USA - OSHA	Local name	Titanium dioxide (Total dust)
USA - OSHA	OSHA PEL (TWA) (mg/m³)	15 mg/m³ total dust

Methyl ethyl ketoxime (96-29-7)		
United Kingdom	Remark (WEL)	OELs not established
USA - OSHA	Remark (OSHA)	OELs not established

Silica, amorphous, fumed, crystalline-free (112945-52-5)
WELs not established

8.2. Exposure 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.

Personal protective equipment:

Gloves. Protective goggles. Protective 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 and selected according to regional or national standards. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate PVC, or vinyl. Suitable gloves should be recommended by the glove supplier. [EN374]
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. [EN 166]
Skin and body protection:
Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure. [EN 14605:2005, EN 13034:2005]
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 vapours, 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. [EN 137]

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Red.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available

Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 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
None known.

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
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: 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.
Aspiration hazard	: May be fatal if swallowed and enters airways.

SECTION 12: Ecological information
12.1. Toxicity
Ecology - general	: No information available.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability
GET Plasti Dip UV Red	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential

GET Plasti Dip UV Red	
Bioaccumulative potential	No information available.

12.4. Mobility in soil

GET Plasti Dip UV Red	
Ecology - soil	No information available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment 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

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1139

UN-No. (IMDG) : 1139

UN-No. (IATA) : 1139

UN-No. (ADN) : 1139

UN-No. (RID) : 1139

14.2. UN proper shipping name

Proper Shipping Name (ADR) : COATING SOLUTION

Proper Shipping Name (IMDG) : COATING SOLUTION

Proper Shipping Name (IATA) : Coating solution

Proper Shipping Name (ADN) : COATING SOLUTION

Proper Shipping Name (RID) : COATING SOLUTION

Transport document description (ADR) : UN 1139 COATING SOLUTION (Contains: Heptane, Methyl Ethyl Ketone, Petroleum Distillates), 3, II, (D/E), ENVIRONMENTALLY HAZARDOUS

Transport document description (IMDG) : UN 1139 COATING SOLUTION (Contains: Heptane, Methyl Ethyl Ketone, Petroleum Distillates), 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

Transport document description (IATA) : UN 1139 Coating solution (Contains: Heptane, Methyl Ethyl Ketone, Petroleum Distillates), 3, II, ENVIRONMENTALLY HAZARDOUS

Transport document description (ADN) : UN 1139 COATING SOLUTION (Contains: Heptane, Methyl Ethyl Ketone, Petroleum Distillates), 3, II, ENVIRONMENTALLY HAZARDOUS

Transport document description (RID) : UN 1139 COATING SOLUTION (Contains: Heptane, Methyl Ethyl Ketone, Petroleum Distillates), 3, II, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3

Danger labels (ADR) : 3

:

IMDG

Transport hazard class(es) (IMDG) : 3

Danger labels (IMDG) : 3

:

IATA

Transport hazard class(es) (IATA) : 3
Hazard labels (IATA) : 3

:

ADN

Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3

:

RID

Transport hazard class(es) (RID) : 3
Danger labels (RID) : 3

:

14.4. Packing group

Packing group (ADR) : II
Packing group (IMDG) : II
Packing group (IATA) : II
Packing group (ADN) : II
Packing group (RID) : II

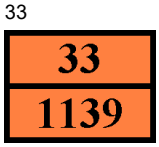
14.5. Environmental hazards

Dangerous for the environment : Yes
Marine pollutant : Yes
Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 640C
Limited quantities (ADR) : 5l
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1, TP8
Tank code (ADR) : L1.5BN
Vehicle for tank carriage : FL
Transport category (ADR) : 2
Special provisions for carriage - Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33
Orange plates :



Tunnel restriction code (ADR) : D/E
EAC code : •3YE

Transport by sea (IMDG)

Limited quantities (IMDG)	: 5 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T4
Tank special provisions (IMDG)	: TP1, TP8
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-E
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Miscibility with water depends upon the composition.

Air transport (IATA)

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L

Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 640C
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 1

Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 640C
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T4
Portable tank and bulk container special provisions (RID)	: TP1, TP8
Tank codes for RID tanks (RID)	: L1.5BN
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE7
Hazard identification number (RID)	: 33

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Directive 2012/18/EU (SEVESO III)

15.1.2. National regulations

All chemical substances in this product are listed in the EPA (Environment Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt

Germany

Reference to AwSV	: Water hazard class (WGK) 3, severe hazard to water (Classification according to AwSV, Annex 1)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen	: Naphtha, petroleum, hydrotreated light,Benzene,Silica: Crystalline, quartz,Stoddard solvent are listed
SZW-lijst van mutagene stoffen	: Naphtha, petroleum, hydrotreated light,Benzene,Stoddard solvent are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: Toluene,Xylenes (o-, m-, p- isomers) are listed

Denmark

Danish National Regulations	: Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Indication of changes:
Revision 1.0: New SDS Created.

Other information : Author: TB

SDS Prepared for PlastiDip International Company, Inc.
by:
Product Regulatory Services Group
Pace Analytical Services, Inc.
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United States
612-656-1122

Classification according to Regulation (EC) 1272/2008	
Flam. Liq. 2	Test Data
Skin Irrit. 2	Calculation method
Eye Irrit. 2	Calculation method
Skin Sens. 1	Calculation method
Repr. 2	Calculation method
STOT SE 3 – Narcosis	Calculation method
Asp. Tox. 1	Calculation method
Aquatic Chronic 2	Calculation method
STOT RE 2	Calculation method

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