



SAFETY DATA SHEET

This safety data sheet complies with the requirements of: (CLP) Regulation (EC 1272/2008)

Revision Date 18-Jun-2019

Version 4

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code 25909
Product Name LIQUID METAL FILLER 3.5 FL.OZ

Contains LIMESTONE, KAOLIN

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

Recommended Use Adhesive Filler
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer

ITW Permatex
6875 Parkland Blvd.
Solon, Ohio 44139 USA
Telephone: 1-87-Permatex
(866) 732-9502

E-mail address:

mail@permatex.com

1.4. Emergency telephone number

24-hour emergency phone number - 800-255-3924 (00+ 1+ 813-248-0585) ChemTel

SECTION 2: HAZARDS IDENTIFICATION:

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Acute toxicity - Oral	Category 4 - (H302)
Acute toxicity - Inhalation (Dusts/Mists)	Category 4 - (H332)
Serious eye damage/eye irritation	Category 2A - (H319)
Flammable liquids	Category 2 - (H225)

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

Full text of R-phrases: see section 16

2.2. Label elements

Contains LIMESTONE, KAOLIN

**Signal word**

Danger

Statements of hazard

H302 - Harmful if swallowed

H319 - Causes serious eye irritation

H332 - Harmful if inhaled

H225 - Highly flammable liquid and vapor

Precautionary Statements

P210 - Keep away from open flames/hot surfaces. - No smoking

P233 - Keep container tightly closed

P242 - Use only non-sparking tools

Take precautionary measures against static discharge

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P271 - Use only outdoors or in a well-ventilated area

P280 - Wear protective gloves and eye/face protection

P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell

P330 - Rinse mouth

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

P312 - Call a POISON CENTER or doctor/physician if you feel unwell

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 - If eye irritation persists: Get medical advice/attention

P403 + P235 - Store in a well-ventilated place. Keep cool

Other Information

- This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product
- This product contains carbon black in a non-respirable form. Inhalation of carbon black is unlikely to occur from exposure to this product
- This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
BARIUM SULFATE	231-784-4 444-260-7	7727-43-7	30 - 60	Acute Tox. 4 (H302) Acute Tox. 4 (H332)	Exempt - Volume
KAOLIN	310-194-1	1332-58-7	10 - 30		Exempt - Annex V
ACETONE	200-662-2	67-64-1	10 - 30	Eye Irrit. 2 (H319) (EUH066) STOT SE 3 (H336) Flam. Liq. 2 (H225)	01-2119471330-49-XXXX
ISOBUTYL ACETATE	203-745-1	110-19-0	3 - 7	(EUH066) Flam. Liq. 2 (H225)	Exempt - Volume

LIMESTONE	215-279-6	1317-65-3	1 - 5		Exempt - Annex V
AMORPHOUS SILICA	231-545-4	7631-86-9	0.1 - 1		Exempt - Annex V
TITANIUM DIOXIDE	236-675-5	13463-67-7	0.1 - 1		01-2119489379-17-XXXX
SILICA, QUARTZ	238-878-4	14808-60-7	0.1 - 1		Exempt - Annex V
TRIPHENYL PHOSPHITE	202-908-4	101-02-0	0.1 - 1	Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Exempt - Volume
CARBON BLACK	215-609-9 435-640-3	1333-86-4	0.1 - 1		Exempt - Volume

Full text of H- and EUH-phrases: see section 16

Section 4: FIRST AID MEASURES

4.1. Description of first aid measures

General advice	Get medical advice/attention if you feel unwell.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
Skin contact	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Self-protection of the first aider	Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	See section 2 for more information
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Foam. Dry chemical.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Highly flammable. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid contact with skin, eyes or clothing. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. Use personal protective equipment as required.

Water spray may reduce vapor; but may not prevent ignition in closed spaces.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Eliminate all ignition sources if safe to do so. Ensure adequate ventilation. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Use personal protective equipment as required. Remove all sources of ignition. Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Take off all contaminated clothing and wash it before reuse. Wash hands and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Store in a well-ventilated place. Keep cool.

Incompatible materials

Strong oxidizing agents, Acids, Alkalis, Reducing agents

7.3. Specific end use(s)

Specific use(s)

Automotive Care Product.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain	Germany	
BARIUM SULFATE 7727-43-7	-	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	-	TWA: 10 mg/m³	-	
KAOLIN 1332-58-7	-	TWA: 2 mg/m³ STEL: 6 mg/m³	TWA: 10 mg/m³	TWA: 2 mg/m³	-	
ACETONE 67-64-1	TWA 500 ppm TWA 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3620 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1000 ppm STEL: 2420 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³	
ISOBUTYL ACETATE 110-19-0	-	TWA: 150 ppm TWA: 724 mg/m³ STEL: 187 ppm STEL: 903 mg/m³	TWA: 150 ppm TWA: 710 mg/m³ STEL: 200 ppm STEL: 940 mg/m³	TWA: 150 ppm TWA: 724 mg/m³	TWA: 62 ppm TWA: 300 mg/m³	
LIMESTONE 1317-65-3	-	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	-	-	-	
AMORPHOUS SILICA 7631-86-9	TWA 0.1 mg/m³ respirable fraction	TWA: 6 mg/m³ TWA: 2.4 mg/m³ TWA: 0.1 mg/m³ STEL: 18 mg/m³ STEL: 7.2 mg/m³	-	-	TWA: 4 mg/m³	
TITANIUM DIOXIDE 13463-67-7	-	TWA: 10 mg/m³ TWA: 4 mg/m³ STEL: 30 mg/m³ STEL: 12 mg/m³	TWA: 10 mg/m³	TWA: 10 mg/m³	-	
SILICA, QUARTZ 14808-60-7	TWA 0.1 mg/m³ respirable fraction	TWA: 0.1 mg/m³	TWA: 0.1 mg/m³	TWA: 0.05 mg/m³	-	
CARBON BLACK 1333-86-4	-	TWA: 3.5 mg/m³ STEL: 7 mg/m³	TWA: 3.5 mg/m³	TWA: 3.5 mg/m³	-	
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark	
BARIUM SULFATE 7727-43-7	-	TWA: 10 mg/m³	-	-	-	
KAOLIN 1332-58-7	-	TWA: 2 mg/m³	-	TWA: 2 mg/m³	TWA: 2 mg/m³	
ACETONE 67-64-1	TWA: 500 ppm TWA: 1210 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 750 ppm	TWA: 1210 mg/m³ STEL: 2420 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ STEL: 630 ppm STEL: 1500 mg/m³	TWA: 250 ppm TWA: 600 mg/m³	
ISOBUTYL ACETATE 110-19-0	-	TWA: 150 ppm	-	TWA: 150 ppm TWA: 720 mg/m³ STEL: 200 ppm STEL: 960 mg/m³	TWA: 150 ppm TWA: 710 mg/m³ TWA: 50 ppm TWA: 150 mg/m³	
AMORPHOUS SILICA 7631-86-9	-	-	TWA: 0.075 mg/m³	TWA: 5 mg/m³ TWA: 0.05 mg/m³	-	
TITANIUM DIOXIDE 13463-67-7	-	TWA: 10 mg/m³	-	-	TWA: 6 mg/m³	
SILICA, QUARTZ 14808-60-7	-	TWA: 0.025 mg/m³	TWA: 0.075 mg/m³	TWA: 0.05 mg/m³	TWA: 0.3 mg/m³ TWA: 0.1 mg/m³	
CARBON BLACK 1333-86-4	-	TWA: 3.5 mg/m³	-	TWA: 3.5 mg/m³ STEL: 7 mg/m³	TWA: 3.5 mg/m³	
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland	Slovenia
BARIUM SULFATE 7727-43-7	-	-	-	TWA: 0.5 mg/m³ STEL: 1.5 mg/m³	TWA: 5 mg/m³ STEL: 15 mg/m³	
KAOLIN 1332-58-7	-	TWA: 3 mg/m³	TWA: 10.0 mg/m³	-	TWA: 2 mg/m³	
ACETONE 67-64-1	TWA: 500 ppm TWA: 1200 mg/m³ STEL 2000 ppm STEL 4800 mg/m³	TWA: 500 ppm TWA: 1200 mg/m³ STEL: 1000 ppm STEL: 2400 mg/m³	STEL: 1800 mg/m³ TWA: 600 mg/m³	TWA: 125 ppm TWA: 295 mg/m³ STEL: 156.25 ppm STEL: 368.75 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: 1500 ppm STEL: 3630 mg/m³	TWA: 500 ppm TWA: 1210 mg/m³ STEL: STEL mg/m³ STEL: STEL ppm
ISOBUTYL ACETATE 110-19-0	TWA: 100 ppm TWA: 480 mg/m³	TWA: 100 ppm TWA: 480 mg/m³	STEL: 720 mg/m³ TWA: 240 mg/m³	TWA: 75 ppm TWA: 355 mg/m³	TWA: 150 ppm TWA: 700 mg/m³	TWA: 480 mg/m³ TWA: 100 ppm

	STEL 100 ppm STEL 480 mg/m ³ Ceiling 100 ppm Ceiling 480 mg/m ³	STEL: 200 ppm STEL: 960 mg/m ³		STEL: 112.5 ppm STEL: 443.75 mg/m ³	STEL: 450 ppm STEL: 2100 mg/m ³	STEL: STEL ppm STEL: STEL mg/m ³
LIMESTONE 1317-65-3	-	-	-	-	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	
AMORPHOUS SILICA 7631-86-9	TWA: 4 mg/m ³	-	-	TWA: 1.5 mg/m ³ STEL: 3 mg/m ³	TWA: 6 mg/m ³ TWA: 2.4 mg/m ³ STEL: 18 mg/m ³ STEL: 7.2 mg/m ³	TWA: 4 mg/m ³
TITANIUM DIOXIDE 13463-67-7	TWA: 5 mg/m ³ STEL 10 mg/m ³	TWA: 3 mg/m ³	STEL: 30 mg/m ³ TWA: 10 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³	
SILICA, QUARTZ 14808-60-7	TWA: 0.15 mg/m ³	TWA: 0.15 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.3 mg/m ³ TWA: 0.1 mg/m ³ STEL: 0.9 mg/m ³ STEL: 0.3 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.15 mg/m ³
CARBON BLACK 1333-86-4	-	-	TWA: 4 mg/m ³	TWA: 3.5 mg/m ³ STEL: 7 mg/m ³	TWA: 3 mg/m ³ STEL: 15 mg/m ³	

Chemical Name	European Union	United Kingdom	France	Spain	Germany
ACETONE 67-64-1	-	-	-	50	80 mg/L
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
ACETONE 67-64-1	-	80	-	-	-

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Use exhaust ventilation to keep airborne concentrations below exposure limits.

Personal protective equipment

Eyeface protection

Wear safety glasses with side shields (or goggles).

Skin and body protection

Suitable protective clothing. Gloves made of plastic or rubber.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

Environmental exposure controls Local authorities should be advised if significant spillages cannot be contained.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Black
Odor	Solvent
Odor threshold	No information available

Property	Values
pH	No information available
Melting point / freezing point	No information available
Boiling point / boiling range	54-118 °C / 130-245 °F
Flash point	-18 °C / 0 °F
Evaporation rate	<1
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	12.8%

Remarks • Method

Tag Closed Cup
Butyl acetate = 1

Lower flammability limit:	2.4%	
Vapor pressure	181 mm Hg @ 68°F	
Vapor density	>1	Air = 1
Relative density	1.8	
Water solubility	Partially soluble	
Solubility(ies)	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

9.2. Other information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	7.5%
Density	No information available
Bulk density	No information available

Section 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Not applicable

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Strong oxidizing agents

Acids

Alkalis

Reducing agents

10.6. Hazardous decomposition products

Carbon oxides

Hydrogen chloride

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Product Information**

Inhalation	May be harmful by inhalation.
Eye contact	Irritating to eyes. May cause redness and tearing of the eyes.
Skin contact	May cause skin irritation and/or dermatitis. Prolonged contact may cause redness and irritation.
Ingestion	Harmful if swallowed.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	1,052.00 mg/kg
ATEmix (dermal)	78,091.70 mg/kg
ATEmix (inhalation-dust/mist)	2.29 mg/l
<u>Unknown acute toxicity</u>	

75.65 % of the mixture consists of ingredient(s) of unknown toxicity.

9.49 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

68.66 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

75.65 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

75.65 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

29.48 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Skin corrosion/irritation	No information available.
Serious eye damage/eye irritation	No information available.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Target Organ Effects	Central nervous system, Eyes, Respiratory system, Skin.
Aspiration hazard:	No information available.

Section 12: ECOLOGICAL INFORMATION

12.1. Toxicity

62.99 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
ACETONE	-	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	12600 - 12700: 48 h Daphnia magna mg/L EC50 10294 - 17704: 48 h Daphnia magna mg/L EC50 Static
ISOBUTYL ACETATE	-	101 - 123: 48 h Leuciscus idus melanotus mg/L LC50 flow-through 101: 48 h Leuciscus idus melanotus mg/L LC50 static	168: 24 h Daphnia magna mg/L EC50
AMORPHOUS SILICA	440: 72 h Pseudokirchneriella subcapitata mg/L EC50	5000: 96 h Brachydanio rerio mg/L LC50 static	7600: 48 h Ceriodaphnia dubia mg/L EC50
CARBON BLACK	-	-	5600: 24 h Daphnia magna mg/L

EC50

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
ACETONE	-0.24
ISOBUTYL ACETATE	1.72
TRIPHENYL PHOSPHITE	4.98

12.4. Mobility in soil**Mobility in soil**

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Endocrine Disruptor Information

None known.

Section 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Do not reuse container.
Waste codes / waste designations according to EWC / AVV	No Data Available
Other Information	Waste codes should be assigned by the user based on the application for which the product was used.

Section 14: TRANSPORT INFORMATION**IMDG**

14.1 UN/ID No	1133
14.2 Proper shipping name:	Adhesives, Limited Quantity (LQ)
14.3 Hazard Class	3
14.4 Packing Group	II
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	No information available
14.7 EmS-No	F-E, S-D

RID

14.1 UN/ID No 1133
14.2 Proper shipping name: Adhesives, Limited Quantity (LQ)
14.3 Hazard Class 3
14.4 Packing Group II
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 Classification code F1

ADR

14.1 UN/ID No 1133
14.2 Proper shipping name: Adhesives, Limited Quantity (LQ)
14.3 Hazard Class 3
14.4 Packing Group II
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 Classification code F1

IATA

14.1 UN/ID No ID 8000
14.2 Proper shipping name: Consumer commodity
14.3 Hazard Class 9
14.4 Packing Group None
14.5 Environmental hazard Not applicable
14.6 Special Provisions No information available
14.7 ERG Code 9L

Section 15: REGULATORY INFORMATION

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

Chemical Name	French RG number	Title
ACETONE 67-64-1	RG 84	-
ISOBUTYL ACETATE 110-19-0	RG 84	-
AMORPHOUS SILICA 7631-86-9	RG 25	-
SILICA, QUARTZ 14808-60-7	RG 25	-
CARBON BLACK 1333-86-4	RG 16, RG 16bis	-

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA Complies

DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION**Key or legend to abbreviations and acronyms used in the safety data sheet****Full text of H-Statements referred to under section 3**

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H400 - Very toxic to aquatic life

H410 - Very toxic to aquatic life with long lasting effects

H225 - Highly flammable liquid and vapor

H336 - May cause drowsiness or dizziness

H302 - Harmful if swallowed

H332 - Harmful if inhaled

EUH066 - Repeated exposure may cause skin dryness or cracking

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Revision Date 18-Jun-2019

Revision Note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet