

Issue date 06-Jun-2018

Revision date 16-May-2019

Revision Number 2

1. IDENTIFICATION

Product identification

Product identifier	Lawson Python-Wrap Pipe Leak Repair Kit
Other means of identification	P30257
Recommended use	Repair Material
Restrictions on use	For industrial use only

Supplier

Corporate Headquarters:
Lawson Products, Inc.
8770 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Respiratory sensitization	Category 1
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3

Symbol



Signal word DANGER

Hazard statements	H302 - Harmful if swallowed H312 - Harmful in contact with skin H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled H315 - Causes skin irritation H332 - Harmful if inhaled H319 - Causes serious eye irritation H317 - May cause an allergic skin reaction H335 - May cause respiratory irritation
Precautionary statements	
General	P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P103 - Read label before use.
Prevention	P264 - Wash hands thoroughly after handling P280 - Wear protective gloves/protective clothing and eye/face protection P285 - In case of inadequate ventilation wear respiratory protection P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P271 - Use only outdoors or in a well-ventilated area P272 - Contaminated work clothing should not be allowed out of the workplace
Response	
Eyes	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
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P361 + P363 - Take off immediately all contaminated clothing and wash it before reuse P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention P321 - For Specific treatment see section 4 of this sds
Inhalation	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing P342 + P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician P312 - Call a POISON CENTER or doctor if you feel unwell
Ingestion	P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P330 - Rinse mouth P321 - For Specific treatment see section 4 of this sds
Storage	P403 + P233 - Store in a well-ventilated place. Keep container tightly closed P405 - Store locked up
Disposal	P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable
Hazard(s) Not Otherwise Classified (HNOC)	None known.
Physical Hazards Not Otherwise Classified (PHNOC)	None known.

Unknown acute toxicity None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Borosilicate Glass	65997-17-3	65-70
Methylenediphenyl diisocyanate	26447-40-5	10-25
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	3-8
Textured polyester filament yarn	N/A	<5
Surface sizing	N/A	<1.4
Titanium dioxide	13463-67-7	<1
Benzoyl chloride	98-88-4	<1

4. FIRST-AID MEASURES

Necessary first-aid measures

Inhalation	Remove to fresh air. Provide oxygen or artificial respiration if necessary. Isocyanate concentrations below exposure guidelines may cause allergic reactions in individuals already sensitized. Symptoms may include coughing, breathing difficulty, and tightness in chest. Effects may be delayed. Call a physician.
Ingestion	Do NOT induce vomiting. Drink 1 or 2 glasses of water or milk. Do not give anything by mouth to an unconscious person. Consult a physician.
Skin contact	Remove contaminated clothing. Wash contaminated skin with soap and water. Wash contaminated clothing before re-use. Get under safety shower after removing clothing. Seek medical attention if irritation occurs.
Eye contact	Flush with plenty of warm water for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.

Most important symptoms (acute) Causes skin irritation. May cause eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause allergic skin reaction. May cause respiratory irritation.

Most important symptoms (over-exposure) Pre-existing disorders of the skin, respiratory system and eyes will be aggravated by over exposure to this product.

Indication of any immediate medical attention and special treatment needed Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Foam. Dry chemical. Carbon dioxide (CO₂). Alcohol resistant foam.

Unsuitable extinguishing media Reacts with water.

Specific hazards At temperatures greater than 400 degrees Fahrenheit, polymeric MDI can polymerize and decompose which can cause pressure buildup in closed containers. HEAT WILL CAUSE PRESSURE BUILDUP AND MAY CAUSE EXPLOSIVE RUPTURE.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode. Evacuate area. Stay upwind and keep out of low areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Keep people away from and upwind of spill/leak. Evacuate surrounding areas. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Methods and materials for containment and cleaning up

Decontaminate floor with decontamination solution letting stand for at least 15 minutes. Absorb with liquid-binding material (sand, diatomite, universal binders). For waste disposal, see section 13 of the SDS.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Use in a well ventilated area.

Conditions for safe storage, including any incompatibilities

Protect from moisture. Keep container tightly closed. If contamination is suspected, do not reseal container. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Store at temperatures between 64 degrees F and 86 degrees F. Avoid humid conditions. Keep away from water. Keep material sealed and dry before use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Borosilicate Glass	-	1 fiber/cm ³ TWA 5 mg/m ³ TWA	-
Methylenediphenyl diisocyanate	0.02 ppm Ceiling 0.2 mg/m ³ Ceiling	-	-
Diphenylmethane diisocyanate (homopolymer)	-	-	-
Textured polyester filament yarn	-	-	-
Surface sizing	-	-	-
Titanium dioxide	15 mg/m ³ TWA	10 mg/m ³ TWA	2.4 mg/m ³ TWA 0.3 mg/m ³ TWA
Benzoyl chloride	-	0.5 ppm Ceiling	-

Appropriate engineering controls

Use process enclosures, local exhaust ventilation, or other controls to keep air containment concentration below current applicable OSHA permissible exposure limit or ACGIH TLV limit, and volatiles below lower explosive limit. Standard reference sources regarding industrial ventilation (i.e. ACGIH industrial ventilation) should be consulted for guidance about adequate ventilation.

Individual protection measures, such as personal protective equipment**Eye protection**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Wear vented safety goggles or safety glasses. Wear safety glasses with side shields or goggles.

Skin and body protection Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection Breathing apparatus with filter. If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Borosilicate Glass	5 mg/m ³ TWA 1 fibre/cm ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	5 mg/m ³ TWA 1 fibre/cm ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	1 fibre/cm ³ TWA 5 mg/m ³ TWA	10 mg/m ³ TWA EV	3 fibre/cm ³ STEL 10 mg/m ³ STEL 5 mg/m ³ TWA 1 fibre/cm ³ TWA
Methylenediphenyl diisocyanate	-	0.01 ppm Ceiling 0.005 ppm TWA	-	-	-	-	-	-	-	-
Diphenylmethane diisocyanate (homopolymer)	-	-	-	-	-	-	-	-	-	-
Textured polyester filament yarn	-	-	-	-	-	-	-	-	-	-
Surface sizing	-	-	-	-	-	-	-	-	-	-
Titanium dioxide	10 mg/m ³ TWA	10 mg/m ³ TWA 3 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA	10 mg/m ³ TWA EV	20 mg/m ³ STEL 10 mg/m ³ TWA
Benzoyl chloride	0.5 ppm Ceiling 2.9 mg/m ³ Ceiling	0.5 ppm Ceiling	0.5 ppm Ceiling	0.5 ppm Ceiling 2.8 mg/m ³ Ceiling	0.5 ppm Ceiling	0.5 ppm Ceiling	0.5 ppm Ceiling	0.5 ppm Ceiling	-	0.5 ppm Ceiling

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Carbon fiber cloth coated with viscous resin

Odor Pungent

Odor threshold Not applicable

pH Not applicable

Melting point/range °C Not applicable

Melting point/range °F Not applicable

Boiling point/range °C Not applicable

Boiling point/range °F Not applicable

Flash point °C 188

Flash point °F	370
Flash point method used	Pensky-Martens C.C.
Evaporation rate	Not applicable
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	0.0003mmHg
Vapor density	Not available
Relative density	1.22
Solubility	Insoluble in water Reacts with water
Partition coefficient (n-octanol/water)	Not applicable
Autoignition temperature °C	Not applicable
Autoignition temperature °F	Not applicable
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Polymerization may occur on exposure to conditions or materials listed below. Polymerization can be rapid. Water. Moisture. Temperatures above 400F.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No dangerous reactions under normal conditions of use. Hazardous polymerization can occur. Polymerization can be catalyzed by water and strong bases.
Conditions to avoid	Contamination with water.
Incompatible materials	Avoid contact with moisture and water. Strong acids. Alcohols. ammonia. Strong oxidizing agents. Bases. Amines. Humidity. Avoid contact with metals. Aluminum. Brass. copper. galvanized metals. Zinc. Tin and alloys. Avoid contact with polyols and other isocyanates.
Hazardous decomposition products	Hazardous Thermal Decomposition Products: Nitrogen oxides (NOx). Carbon monoxide. Carbon dioxide (CO2). Hydrogen cyanide. Isocyanates.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure	Eyes. Dermal. Inhalation. Ingestion.
Symptoms	Skin irritation. Harmful if inhaled. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure. Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Borosilicate Glass	-	-	-
Methylenediphenyl diisocyanate	= 490 mg/m ³ (Rat) 4 h	> 10000 mg/kg (Rabbit)	> 10000 mg/kg (Rat)
Diphenylmethane diisocyanate (homopolymer)	-	-	-
Textured polyester filament yarn	-	-	-
Surface sizing	-	-	-
Titanium dioxide	-	-	> 10000 mg/kg (Rat) Oral LD50 Rat >10000 mg/kg (Source: IUCLID)
Benzoyl chloride	= 1.45 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit)	= 1900 mg/kg (Rat)

ATEmix (dermal) Not available

ATEmix (oral) Not available

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Borosilicate Glass	A4	Group 3	-	-
Methylenediphenyl diisocyanate	-	Group 3	-	-
Diphenylmethane diisocyanate (homopolymer)	-	-	-	-
Textured polyester filament yarn	-	-	-	-
Surface sizing	-	-	-	-
Titanium dioxide	-	Group 2B	Listed	-
Benzoyl chloride	A4	Group 2A Group 3	Listed	-

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Borosilicate Glass	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Methylenediphenyl diisocyanate	-	-	-	-	-	-
Diphenylmethane diisocyanate (homopolymer)	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Textured polyester filament yarn	-	-	-	-	-	-
Surface sizing	-	-	-	-	-	-
Titanium dioxide	-	IARC Category 2B - Possible Human Carcinogen IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Benzoyl chloride	-	IARC 2A	ACGIH A4	ACGIH A4	ACGIH A4	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Borosilicate Glass	-	-
Methylenediphenyl diisocyanate	3230: 96 h Skeletonema costatum mg/L EC50	-
Diphenylmethane diisocyanate (homopolymer)	-	-
Textured polyester filament yarn	-	-
Surface sizing	-	-
Titanium dioxide	-	-
Benzoyl chloride	-	28.5 - 45.3: 96 h Pimephales promelas mg/L LC50 static

Persistence and degradability Not expected to be rapidly degradable.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Borosilicate Glass 65997-17-3	65997-17-3	-
Methylenediphenyl diisocyanate 26447-40-5	26447-40-5	4.5
Diphenylmethane diisocyanate (homopolymer) 39310-05-9	39310-05-9	-
Textured polyester filament yarn N/A	N/A	-
Surface sizing N/A	N/A	-
Titanium dioxide 13463-67-7	13463-67-7	-
Benzoyl chloride 98-88-4	98-88-4	-

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Contaminated packaging Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION**Shipping Descriptions****DOT**

Proper shipping name Not regulated

TDG

Proper shipping name Not regulated

IATA

Proper shipping name Not regulated

IMDG/IMO

Proper shipping name Not regulated

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Borosilicate Glass	65997-17-3	-	-	-
Methylenediphenyl diisocyanate	26447-40-5	-	-	-
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	-	-	-
Textured polyester filament yarn	N/A	-	-	-
Surface sizing	N/A	-	-	-
Titanium dioxide	13463-67-7	-	-	-
Benzoyl chloride	98-88-4	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Borosilicate Glass	65997-17-3	-	-	-
Methylenediphenyl diisocyanate	26447-40-5	-	X	-
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	-	-	-
Textured polyester filament yarn	N/A	-	-	-

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Surface sizing	N/A	-	-	-
Titanium dioxide	13463-67-7	X	X	X
Benzoyl chloride	98-88-4	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Borosilicate Glass	65997-17-3	-
Methylenediphenyl diisocyanate	26447-40-5	-
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	-
Textured polyester filament yarn	N/A	-
Surface sizing	N/A	-
Titanium dioxide	13463-67-7	-
Benzoyl chloride	98-88-4	-

U.S. Federal Regulations**US EPA SARA 313**

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Borosilicate Glass	65997-17-3	-	-
Methylenediphenyl diisocyanate	26447-40-5	-	1.0 %
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	-	-
Textured polyester filament yarn	N/A	-	-
Surface sizing	N/A	-	-
Titanium dioxide	13463-67-7	-	-
Benzoyl chloride	98-88-4	1000 lb 454 kg	1.0 %

US EPA SARA 311/312 hazardous categorization

Not applicable

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Borosilicate Glass	X	X	-
Methylenediphenyl diisocyanate	X	X	-
Diphenylmethane diisocyanate (homopolymer)	X	X	-
Textured polyester filament yarn	-	-	-
Surface sizing	-	-	-
Titanium dioxide	X	X	-
Benzoyl chloride	X	X	-

Legend X - Listed

Intentionally Added Ingredient**Nonfunctional Constituents**

Chemical name	CAS-No	Nonfunctional Constituents
Borosilicate Glass	65997-17-3	Not listed
Methylenediphenyl diisocyanate	26447-40-5	Not listed
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	Not listed
Textured polyester filament yarn	N/A	Not listed
Surface sizing	N/A	Not listed
Titanium dioxide	13463-67-7	Not listed
Benzoyl chloride	98-88-4	Not listed

EU Fragrance Allergens

Chemical name	CAS-No	EU - Cosmetics (1223/2009) - Annex III - Fragrance Allergens
Borosilicate Glass	65997-17-3	Not Listed
Methylenediphenyl diisocyanate	26447-40-5	Not Listed
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	Not Listed
Textured polyester filament yarn	N/A	Not Listed
Surface sizing	N/A	Not Listed
Titanium dioxide	13463-67-7	Not Listed
Benzoyl chloride	98-88-4	Not Listed

California Cleaning Products RTK - Substances on Designated Lists

Chemical name	CAS-No	Substances in Designated Lists
Borosilicate Glass	65997-17-3	Not listed
Methylenediphenyl diisocyanate	26447-40-5	Present (CA Non-Cancer Hazards, [2292]); Present (EU Respiratory Sensitizers, [3875]); Present (CA Non-Cancer Hazards, [819]) Present (CA Non-Cancer Hazards, [2292]); Present (EU Respiratory Sensitizers, [3875]); Present (CA Non-Cancer Hazards, [819]) Present (CA Non-Cancer Hazards, [2292]); Present (EU Respiratory Sensitizers, [3875]); Present (CA Non-Cancer Hazards, [819]) Present (includes only those chemicals that are specifically listed, listed under Chemical Category N120; US EPA PBTs, [428])
Diphenylmethane diisocyanate (homopolymer)	39310-05-9	Not listed
Textured polyester filament yarn	N/A	Not listed
Surface sizing	N/A	Not listed
Titanium dioxide	13463-67-7	Present (IARC Carcinogens, [114]); Present (airborne, unbound particles of respirable size; CA Prop 65, [409]) Present (IARC Carcinogens, [114]); Present (airborne, unbound particles of respirable size; CA Prop 65, [409])
Benzoyl chloride	98-88-4	Present (IARC Carcinogens, [112]); Present (CA Non-Cancer Hazards, [2292]); Present (US EPA PBTs, [428]) Present (IARC Carcinogens, [112]); Present (CA Non-Cancer Hazards, [2292]); Present (US EPA PBTs, [428]) Present (IARC Carcinogens, [112]); Present (CA Non-Cancer Hazards, [2292]); Present (US EPA PBTs, [428]) Present (IARC Carcinogens, [112])

16. OTHER INFORMATION**NFPA**

Health	2
Flammability	1

Instability	0
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HMIS

Health	Not available
Flammability	Not available
Physical hazards	Not available

Notice: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).

Prepared by	Regulatory Affairs
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Issue date	06-Jun-2018
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Revision note**Key to abbreviations**

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDSL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substance Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet