

Issue date 17-Jul-2018

Revision date 17-Jul-2018

Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier	Rotanium Clear Insul-Spray Flexible Electronic Sealer
Other means of identification	P92116
Recommended use	Electrical contact cleaner
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)

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed gas

Symbol



Signal word DANGER

Hazard statements H222 - Extremely flammable aerosol

H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways
H315 + H320 - Causes skin and 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

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

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.
P211 - Do not spray on an open flame or other ignition source
P251 - Pressurized container: Do not pierce or burn, even after use
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P264 - Wash face, hands and any exposed skin thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection

Response

General

P308 + P313 - IF exposed or concerned: Get medical advice/attention
P321 - Specific treatment (see supplemental first aid instructions on this label)

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
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell

Ingestion

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P331 - Do NOT induce vomiting

Fire

Not applicable

Spill

Not applicable

Storage

P403 + P233 - Store in a well-ventilated place. Keep container tightly closed
P405 - Store locked up
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

Hazard(s) Not Otherwise Classified (HNOC)

None known.

Physical Hazards Not

None known.

Otherwise Classified
(PHNOC)

Unknown acute toxicity 0.00351%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition

Chemical name	CAS-No	Weight %
Propane/Isobutane/N-Butane	68476-86-8	20-40
Acetone	67-64-1	20-40
Xylenes (o-, m-, p- isomers)	1330-20-7	10-30
Toluene	108-88-3	10-30
Ethyl benzene	100-41-4	1-10
Benzene	71-43-2	<1

The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information

Avoid contact with eyes, skin, and clothing. Avoid breathing dust/fume/gas/mist/vapors/spray.

Inhalation

Move to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

Ingestion

Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Skin contact

Wash off immediately with plenty of water. Remove and wash contaminated clothing before re-use. Get medical attention if symptoms occur.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention immediately.

Most important symptoms (acute)

Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. Harmful if swallowed. Inhalation causes Central Nervous System effects. May cause drowsiness or dizziness. Difficulty breathing. Ingestion causing lung damage.

Most important symptoms (over-exposure)

Not available.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water fog. Dry chemical. Carbon dioxide (CO2). Cool containers / tanks with water spray.

Unsuitable extinguishing media

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

Specific hazards Sensitivity to static discharge. Extremely Flammable Aerosol. Container may burst in fire.

Special protective equipment for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures Use with adequate ventilation to keep exposure levels below the OELs. Report spills as required by local and federal regulations. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and materials for containment and cleaning up Prevent further leakage or spillage if safe to do so. Contain liquid and collect with an inert, non-combustible material.

7. HANDLING AND STORAGE

Precautions for safe handling Avoid contact with skin and eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin, nail, or any other sharp object into opening on top of can. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Do not lay on its side - keep upright.

Conditions for safe storage, including any incompatibilities Keep containers tightly closed in a cool, well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Propane/Isobutane/N-Butane	-	-	-
Acetone	1000 ppm TWA 2400 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 590 mg/m ³ TWA
Xylenes (o-, m-, p- isomers)	100 ppm TWA 435 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	-
Toluene	300 ppm Ceiling 200 ppm TWA	20 ppm TWA	150 ppm STEL 560 mg/m ³ STEL 100 ppm TWA 375 mg/m ³ TWA
Ethyl benzene	100 ppm TWA 435 mg/m ³ TWA	20 ppm TWA	125 ppm STEL 545 mg/m ³ STEL 100 ppm TWA 435 mg/m ³ TWA
Benzene	25 ppm Ceiling 5 ppm STEL (see 29 CFR 1910.1028) 10 ppm TWA 1 ppm TWA	2.5 ppm STEL 0.5 ppm TWA Skin	1 ppm STEL 0.1 ppm TWA

Appropriate engineering controls Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

Individual protection measures, such as personal protective equipment

Eye protection	Safety glasses with side-shields.
Skin and body protection	Chemical resistant apron. Chemical resistant gloves. Nitrile gloves are recommended.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respirator is recommended. Positive-pressure supplied air respirators may be required for high airborne contaminant concentration. Respiratory protection must be provided in accordance with current local regulations.
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
Propane/Isobutane/ N-Butane	-	-	-	-	-	-	-	-	-	-
Acetone	750 ppm STEL 1800 mg/m ³ STEL 500 ppm TWA 1200 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	250 ppm TWA 500 ppm STEL	750 ppm STEL 1782 mg/m ³ STEL 500 ppm TWA 1188 mg/m ³ TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	500 ppm STEL 250 ppm TWA	1000 ppm STEV 2380 mg/m ³ STEV 500 ppm TWA 1190 mg/m ³ TWA	750 ppm STEL 500 ppm TWA
Xylenes (o-, m-, p- isomers)	150 ppm STEL 651 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	100 ppm TWA 150 ppm STEL	150 ppm STEL 651 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEL 100 ppm TWA	150 ppm STEV 651 mg/m ³ STEV 100 ppm TWA 434 mg/m ³ TWA	150 ppm STEL 100 ppm TWA
Toluene	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	50 ppm TWA 188 mg/m ³ TWA	60 ppm STEL 50 ppm TWA
Ethyl benzene	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	125 ppm STEL 543 mg/m ³ STEL 100 ppm TWA 434 mg/m ³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	125 ppm STEV 543 mg/m ³ STEV 100 ppm TWA 434 mg/m ³ TWA	125 ppm STEL 100 ppm TWA
Benzene	2.5 ppm STEL 8 mg/m ³ STEL 0.5 ppm TWA 1.6 mg/m ³ TWA	2.5 ppm STEL 0.5 ppm TWA	0.5 ppm TWA 2.5 ppm STEL	2.5 ppm STEL 8 mg/m ³ STEL 0.5 ppm TWA 1.6 mg/m ³ TWA	2.5 ppm STEL 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA	2.5 ppm STEL 0.5 ppm TWA	5 ppm STEV 15.5 mg/m ³ STEV 1 ppm TWA 3 mg/m ³ TWA	-

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Opaque, Amber

Odor	Solvent
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C	-97
Flash point °F	-142
Flash point method used	based on propellant
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.800
Solubility	Practically insoluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not available
Autoignition temperature °F	Not available
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	Not available

10. STABILITY AND REACTIVITY

Reactivity	Not available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Avoid extreme temperatures. Avoid direct sunlight.

Incompatible materials Not available.

Hazardous decomposition products Not available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Ingestion. Inhalation. Eyes. Dermal.

Symptoms Harmful if swallowed. Exposure to high vapor concentrations may cause nervous system effects such as headache, nausea, and dizziness. Irritating to eyes and skin. Prolonged skin contact may defat the skin and produce dermatitis. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May cause adverse liver effects. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Prolonged skin contact may defat the skin and produce dermatitis. May be fatal if swallowed and enters airways. Target Organ Effects: Central Nervous System (CNS), Eyes, Respiratory System, Skin. Kidney. Liver.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Propane/Isobutane/N-Butane	-	-	-
Acetone	= 50100 mg/m ³ (Rat) 8 h	> 15700 mg/kg (Rabbit)	= 5800 mg/kg (Rat)
Xylenes (o-, m-, p- isomers)	= 29.08 mg/L (Rat) 4 h = 5000 ppm (Rat) 4 h > 5.04 mg/L (Rat) 4 h	> 1700 mg/kg (Rabbit) > 4350 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)
Toluene	= 12.5 mg/L (Rat) 4 h	= 12000 mg/kg (Rabbit) Dermal LD50 Rabbit 12000 mg/kg (Source: JAPAN_GHS)	= 2600 mg/kg (Rat) Oral LD50 Rat 2600 mg/kg (Source: JAPAN_GHS)
Ethyl benzene	= 17.4 mg/L (Rat) 4 h > 5.04 mg/L (Rat) 4 h	= 15400 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	= 3500 mg/kg (Rat) = 4820 mg/kg (Rat)
Benzene	= 44.66 mg/L (Rat) 4 h	> 8200 mg/kg (Rabbit)	= 1800 mg/kg (Rat) = 810 mg/kg (Rat)

ATEmix (dermal) 5192 mg/kg

ATEmix (oral) 24730 mg/kg

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) Not available

ATEmix (inhalation-dust/mist) 7.5 mg/l

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Propane/Isobutane/N-Butane	-	-	-	-
Acetone	A4	-	-	-

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Xylenes (o-, m-, p- isomers)	A4	Group 3	-	-
Toluene	A4	Group 3	-	-
Ethyl benzene	A3	Group 2B	Listed	-
Benzene	A1	Group 1	Listed	Known

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Propane/Isobutane/N-Butane	-	-	-	-	-	-
Acetone	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Xylenes (o-, m-, p- isomers)	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Toluene	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Ethyl benzene	-	IARC 2B	ACGIH A3	-	ACGIH A3	-
Benzene	A1 - Confirmed Human Carcinogen	ACGIH A1 IARC 1	ACGIH A1	ACGIH A1	ACGIH A1	C1 carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Propane/Isobutane/N-Butane	-	-
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
Xylenes (o-, m-, p- isomers)	11: 72 h Pseudokirchneriella subcapitata mg/L EC50	13.4: 96 h Pimephales promelas mg/L LC50 flow-through 13.5 - 17.3: 96 h Oncorhynchus mykiss mg/L LC50 19: 96 h Lepomis macrochirus mg/L LC50 7.711 - 9.591: 96 h Lepomis macrochirus mg/L LC50 static 780: 96 h Cyprinus carpio mg/L LC50 semi-static 780: 96 h Cyprinus carpio mg/L LC50 13.1 - 16.5: 96 h Lepomis macrochirus mg/L LC50 flow-through 23.53 - 29.97: 96 h Pimephales promelas mg/L LC50 static 2.661 - 4.093: 96 h Oncorhynchus mykiss mg/L LC50 static 30.26 - 40.75: 96 h Poecilia reticulata mg/L LC50 static
Toluene	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static
Ethyl benzene	4.6: 72 h Pseudokirchneriella subcapitata mg/L	11.0 - 18.0: 96 h Oncorhynchus mykiss mg/L LC50

Chemical name	Algae/aquatic plants	Fish
	EC50 2.6 - 11.3: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 438: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.7 - 7.6: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 11: 72 h Pseudokirchneriella subcapitata mg/L EC50	static 32: 96 h Lepomis macrochirus mg/L LC50 static 9.6: 96 h Poecilia reticulata mg/L LC50 static 9.1 - 15.6: 96 h Pimephales promelas mg/L LC50 static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 7.55 - 11: 96 h Pimephales promelas mg/L LC50 flow-through
Benzene	29: 72 h Pseudokirchneriella subcapitata mg/L EC50	10.7 - 14.7: 96 h Pimephales promelas mg/L LC50 flow-through 5.3: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 22.49: 96 h Lepomis macrochirus mg/L LC50 static 28.6: 96 h Poecilia reticulata mg/L LC50 static 22330 - 41160: 96 h Pimephales promelas µg/L LC50 static 70000 - 142000: 96 h Lepomis macrochirus µg/L LC50 static

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Propane/Isobutane/N-Butane 68476-86-8	68476-86-8	<=2.8
Acetone 67-64-1	67-64-1	-0.24
Xylenes (o-, m-, p- isomers) 1330-20-7	1330-20-7	2.77 - 3.15
Toluene 108-88-3	108-88-3	2.7
Ethyl benzene 100-41-4	100-41-4	3.2
Benzene 71-43-2	71-43-2	2.1

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information This material as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Dispose of in accordance with federal, state and local regulations.

Contaminated packaging Do not reuse containers.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Special Provisions	LTD QTY

TDG

ID-No UN1950
Proper shipping name Aerosols
Hazard Class(es) 2.1
Special Provisions LTD QTY

IATA

ID-No UN1950
Proper shipping name Aerosols, flammable
Hazard Class(es) 2.1
Special Provisions LTD QTY

IMDG/IMO

ID-No UN1950
Proper shipping name Aerosols
Hazard Class(es) 2.1
Special Provisions LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Acetone	67-64-1	-	-	-
Xylenes (o-, m-, p- isomers)	1330-20-7	-	-	-
Toluene	108-88-3	-	-	-
Ethyl benzene	100-41-4	-	-	-
Benzene	71-43-2	-	-	-

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
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Acetone	67-64-1	X	X	X
Xylenes (o-, m-, p- isomers)	1330-20-7	X	X	X
Toluene	108-88-3	X	X	X
Ethyl benzene	100-41-4	X	X	X
Benzene	71-43-2	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Propane/Isobutane/N-Butane	68476-86-8	-
Acetone	67-64-1	-
Xylenes (o-, m-, p- isomers)	1330-20-7	-
Toluene	108-88-3	Developmental
Ethyl benzene	100-41-4	Carcinogen
Benzene	71-43-2	Carcinogen Developmental Male Reproductive

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Propane/Isobutane/N-Butane	68476-86-8	-	-
Acetone	67-64-1	5000 lb 2270 kg	-
Xylenes (o-, m-, p- isomers)	1330-20-7	100 lb 45.4 kg	1.0 %
Toluene	108-88-3	1000 lb 454 kg 1 lb 0.454 kg	1.0 %
Ethyl benzene	100-41-4	1000 lb 454 kg	0.1 %
Benzene	71-43-2	10 lb 4.54 kg	0.1 %

US EPA SARA 311/312 hazardous categorization

Sudden Release of Pressure Hazard
Fire Hazard
Chronic Health Hazard
Acute Health Hazard

International inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA 8(b)), Canada (DSL/NDSL) or are exempt.

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Propane/Isobutane/N-Butane	X	X	-
Acetone	X	X	-
Xylenes (o-, m-, p- isomers)	X	X	-
Toluene	X	X	-
Ethyl benzene	X	X	-
Benzene	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	4
Instability	0

HMIS

Health	2
Flammability	4
Physical hazards	1
Personal protection	B

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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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDL (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