



Aromatic Polyurethane Elastomeric Coating

SAFETY DATA SHEET

I. IDENTIFICATION

PRODUCT IDENTIFICATION

EnergyGuard Aromatic Polyurethane

Packaging: pails, drums

DATE UPDATED

Monday, February 20, 2017

SUPPLIER INFORMATION



Lexis Coatings

6460 Hwy 92 Ste 100

Acworth, GA 30102

Call: 610-298-1989

URL: <https://lexiscoatings.com>

Hours: Mon - Fri 8am - 5pm

II. HAZARDS(S) IDENTIFICATION

CLASSIFICATION

Skin Sens. 1;H317: May cause an allergic skin reaction.

Acute Tox 4;H332: Harmful if inhaled.

Skin Irrt. 2;H315:Causes skin irritation.

Eye Irrt. 2;H319:Causes serious eye irritation.

Resp. Sens. 1;H334: May cause allergy or asthma symptoms of breathing difficulties if inhaled.

Carc. 2;H351: Suspected of causing cancer.

STOT SE 3;H335: May Cause respiratory irritation

STOT RE 2;H373: May Cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (hearing organs)

Flam. Liq. 3;H225: Highly Flammable liquid and vapor

Label Elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows:

Hazard Pictograms



Harmful



Flammable



Health Hazard

Signal Word: Danger

Hazard Statements

H225 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergic or asthmatic symptoms or breathing difficulties if inhaled

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

[Prevention]

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

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

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

P264 Wash thoroughly after handling.

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

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves / eye protection / face protection.

[Response]

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.

P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P308+313 IF exposed or concerned: Get medical advice / attention.

P314 Get Medical advice / attention if you feel unwell.

P321 Specific treatment (see information on this label).

P333+313 If skin irritation or a rash occurs: Get medical advice / attention.

P337+313 If eye irritation persists: Get medical advice / attention.

P340 Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P341 If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.

P362 Take off contaminated clothing and wash before reuse.

P363 Wash contaminated clothing before reuse.

[Storage]

P403+233 Store in a well ventilated place. Keep container tightly closed.

P405 Store locked up.

[Disposal]

P501: Dispose of contents / container in accordance with local / national regulations.

III. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight%	GHS Classification	Notes
Xylene	0001330-20-7	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 Acute Tox. 4;H312 Skin Irrit. 2;H315	[1][2]
Oxirane, methyl-, polymer with 1,1'-methylenebis[isocyanatobenzene]	0157937-75-2	10 - 25	Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 Acute Tox. 4;H332 Resp. Sens. 1;H334 STOT SE 3;H335 STOT RE 2;H373 Carc. 2;H351	[1]
Isocyanic acid, polymethylenepolyphenylene ester, polymer with .alpha.-hydro-.omega.-hydroxypolyoxy(methyl-1,2-ethanediy	0053862-89-8	1.0 - 10	Skin Irrit. 2;H315 Skin Sens. 1;H317 Eye Irrit. 2;H319 Acute Tox. 4;H332 Resp. Sens. 1;H334 STOT SE 3;H335 STOT RE 2;H373	[1]
Diphenylmethanediisocyanate	0000101-68-8	1.0 - 10	Acute Tox. 4;H332 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Sens. 1;H317 Resp. Sens. 1;H334	[1][2]
Polymeric Diphenylmethane Diisocyanate	0009016-87-9	1.0 - 10	Acute Tox. 4;H332 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Sens. 1;H317 Resp. Sens. 1;H334	[1]
Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-	0005873-54-1	1.0 - 10	Carc. 2;H351 Acute tox. 4;H332 STOT RE 2;H373	[1]

			Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Resp. Sens. 1;H334 Skin Sens. 1;H317	
Ethyl Benzene	0000100-41-4	1.0 - 10	Flam. Liq. 2;H225 Acute Tox. 4;H332 STOT RE 2;H373 Asp. Tox. 1;H304	[1]
Petroleum distillates, hydrotreated light	0064742-47-8	1.0 - 10	Asp. Tox. 1;H304	[1]
Tosyl isocyanate	0004083-64-1	1.0 - 10	Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Resp. Sens. 1;H334	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with workplace exposure limit.

[3] PBT-substance or VpB-substance.

IV. FIRST-AID MEASURES

4.1 Description of first aid measures

GENERAL

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

EYE CONTACT

Flush with water initially and remove contact lenses. Continue to flush eyes with large amounts of water for 15 minutes. Get medical attention immediately.

SKIN CONTACT

Remove contaminated clothing and shoes/boots. Wash affected area with large amounts of soap and water. Get medical attention immediately.

INHALATION

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

INGESTION

If swallowed give two glasses of water to drink. Do not induce vomiting. Get medical attention immediately. Never give anything by mouth to an unconscious person.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

OVERVIEW

Possible cancer hazard. Contains an ingredient which may cause cancer based on animal data (See Section 3 and Section 15 for each ingredient). Risk of cancer depends on duration and level of exposure.

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

INHALATION

Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms of breathing difficulties if inhaled.

EYES

Causes serious eye irritation

SKIN

May cause an allergic skin reaction. Causes skin irritation

V. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water, carbon dioxide, foam or dry powder.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Hazardous decomposition: Will not occur if properly handled and stored. Avoid breathing dust/fume/gas/mist/vapors/spray.

ADVICE FOR FIRE-FIGHTERS

Use water spray to cool non-involved containers.

Wear SCBA with full-face piece operating in a positive pressure demand mode and full protective gear.

This product is considered combustible and is a fire hazard. During a fire isocyanate vapors and other irritating gases may be generated by thermal decomposition or combustion. At temperatures above 400°F, polymeric MDI can polymerize and decompose which can cause pressure build-up in closed containers. Use cold water to cool fire-exposed containers.

ERG Guide No. 127

VI. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Put on appropriate personal protective equipment (see section 8).

ENVIRONMENTAL PRECAUTIONS

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

METHODS AND MATERIAL FOR CONTAINMENT AND METHODS FOR CLEANUP

Shut off ignition sources including electrical equipment and flames. Contain spilled material. Absorb spills with inert material such as vermiculite, dry sand or earth. Place in a closed container but do not seal. Ventilate area to remove vapors.

VII. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid prolonged or repeated skin contact. Avoid breathing aerosols, spray mists, and heated vapors. Use only in well ventilated area. Use good personal and industrial hygiene practices.

Keep container closed after each use.

See section 2 for further details. - [Prevention]:

CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES

Handle containers carefully to prevent damage and spillage.

Precautions should be taken to minimize exposure to atmospheric humidity or water as carbon dioxide may be formed which, in closed containers can result in pressurization. Care should be taken when re-opening partly used containers.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is used.

Examination of lung function should be carried out on a regular basis on persons applying this preparation.

Incompatible materials: Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers

Recommended storage range is less than 90°F.

See section 2 for further details. - [Storage]:

SPECIFIC END USE(S)

No data available.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure

CAS No.	Ingredient	Source	Value
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0000100-41-4	Ethyl Benzene	OSHA ACGIH NIOSH	TWA 100 ppm (435 mg/m ³) STEL 125 ppm TWA: 20 ppm ^{2B} , Revised 2011, TWA 100 ppm (435 mg/m ³) ST 125 ppm (545 mg/m ³)
0000101-68-8	Diphenylmethanediisocyanate	OSHA ACGIH NIOSH	C 0.2 mg/m ³ (0.02 ppm) TWA: 0.005 ppm Ceiling: 0.01 ppm Skin, S TWA 0.05 mg/m ³ (0.005 ppm) C 0.2 mg/m ³ (0.020 ppm) [10-minute]
0001330-20-7	Xylene	OSHA ACGIH	STEL 150 ppm TWA: 100 ppm STEL: 150 ppm
0005873-54-1	Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]-	ACGIH NIOSH	TWA: 1.0 mg/m ³ Revised 2008, TWA 10 mg/m ³ (total) TWA 5 mg/m ³ (resp)
0064742-47-8	Petroleum distillates, hydrotreated light	Supplier	Recommended 300 ppm PEL

EXPOSURE CONTRLS

RESPIRATORY

If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

EYES

Chemical splash goggles (ANSI Z-87.1 or approved equivalent) and/or face shield. Have an eye wash station available.

SKIN

Avoid all skin contact by covering as much of the exposed skin area as possible with appropriate clothing. Wear impervious gloves.

ENGINEERING CONTROLS

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

OTHER WORK PRACTICES

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details - [Prevention]:

IX. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Viscous Liquid
Odor	Not Available
Odor Threshold	Not Measured
pH	Not Available

Property	Value
Melting / Freezing Point	Not Available
Initial Boiling Point / Boiling Range	281 - 284°F
Flash Point	80°F
Evaporation Rate (Ether = 1)	Slower than ether
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Upper: 7% Lower: 1%
Vapor Pressure	Not established
Vapor Density	Not Available
Specific Gravity	Not Available
Water Solubility	Nil, reacts with water
Partition Coefficient: n-octanol/water	Not Measured
Auto Ignition Temperature	Not Established
Decomposition Temperature	Not Available
Viscosity(cST)	2,000 - 4,000cps
VOC Content (%)	Less than 250g/Liter
Density	8.8 - 9.2 pounds per gallon
%Volatile	19 - 23%(by weight)

Other information

No relevant information.

X. STABILITY AND REACTIVITY

Reactivity

May polymerize.

CHEMICAL STABILITY

Stable under normal circumstances.

POSSIBILITY OF HAZARDOUS REACTIONS

Reaction with water can create CO₂.

CONDITIONS TO AVOID

No data available.

INCOMPATIBLE MATERIALS

Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS

Will not occur if properly handled and stored.

XI. TOXICOLOGICAL INFORMATION

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Based on the properties of the isocyanate content of this product, respiratory exposure may cause acute irritation and/or sensitization of the respiratory system resulting in asthmatic symptoms, wheezing and a tightness of the chest. Sensitized persons may subsequently show asthmatic symptoms when exposed to airborne concentrations of isocyanates well below the occupational exposure limit. Repeated exposure may lead to permanent respiratory disability.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50 mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Polyoxypropylene glycol 25322-69-4	2,000.00 Rat- Category: 4	No data available	No data available	No data available	No data available
Xylene 1330-20-7	4,299.00 Rat- Category: 5	1,548.00, Rabbit- Category: 4	No data available	20.00, Rat- Category: NA	5,000.00, Rat- Category: 4
Diphenylmethanediisocyanate - (101-68-8)	4,700.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Chlorinated paraffin c22-30 - (63449-39-8)	11,700.00, Rat - Category: NA	No data available	No data available	No data available	No data available
Aluminium hydroxide - (21645-51-2)	5,000.00, Rat - Category: 5	No data available	No data available	No data available	No data available
Polymeric Diphenylmethane Diisocyanate - (9016-87-9)	49,000.00, Rat - Category: NA	9,400.00, Rabbit Category: NA	No data available	No data available	No data available
Ethyl Benzene - (100-41-4)	3,500.00,	15,433.00,	17.20, Rat	No data	4,000.00, Rat -

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50 mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
	Rat - Category: 5	Rabbit Category: NA	- Category: 4	available	Category: NA
Petroleum distillates, hydrotreated light - (64742-47-8)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit Category: 5	No data available	No data available	No data available

Note

When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

CARCINOGEN DATA

The table below indicates whether each agency has listed any ingredient as a carcinogen.

CAS No.	Ingredient	Source	Value
0001309-64-4	Antimony trioxide	IARC	Group 2b: Yes
0000101-68-8	Diphenylmethanediisocyanate	IARC	Group 3: Yes
0001330-20-7	Xylene	IARC	Group 3: Yes
0009016-87-9	Polymeric Diphenylmethane Diisocyanate	IARC	Group 3: Yes
0063449-39-8	Chlorinated paraffin c22-30	NTP	Suspected: Yes

XII. ECOLOGICAL INFORMATION

Toxicity

See Section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae mg/l
polyoxypropylene glycol - (25322-69-4)	650.00, Menidia beryllina	Not Available	Not Available
Xylene - (1330-20-7)	3.30, Oncorhynchus	8.50, Palaemonetes	100.00 (72 hr), Chlorococcales

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae mg/l
	mykiss	pugio	
Diphenylmethanediisocyanate - (101-68-8)	Not Available	129.70, Daphnia magna	Not Available
Chlorinated paraffin c22-30 - (63449-39-8)	300.00, Lepomis macrochirus	102.00, Daphnia magna	Not Available
Ethyl Benzene - (100-41-4)	4.20, Oncorhynchus mykiss	2.93, Daphnia magna	3.60 (96 hr), Pseudokirchneriella subcapitata
Petroleum distillates, hydrotreated light - (64742-47-8)	45.00, Pimephales promelas	4,720.00, Dendronereides heteropoda	Not Available

PERSISTENCE AND DEGRADABILITY

There is no data on the preparation itself

BIOACCUMULATIVE POTENTIAL

Not measured.

MOBILITY IN SOIL

No information available.

RESULTS OF PBT AND VpVb ASSESSMENT

This product contains no PBT/vPvB chemicals.

OTHER ADVERSE EFFECTS

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Potentially toxic to aquatic life.

XIII. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

Observe all federal, state, and local regulations when disposing of this substance.

XIV. TRANSPORT INFORMATION

DOT

	DOT (Domestic Surface Transportation)	IMO/IMDG (Ocean Transportation)	ICAO/IATA
UN-No	UN1263	UN1263	UN1263
UN Proper Shipping Name	UN1263, Paint, 3, III	Paint	Paint
Transport Hazard	DOT Hazard Class: 3	IMDG:3	Air Class:3

Class(es)

Sub Class:

Packing Group

III

III

III

Environmental hazards

IMDG: Marine Pollutant: Yes

Special precautions for user

No Further information

XV. REGULATORY INFORMATION

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented

Toxic Substance Control Act (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory

WHMIS Classification

D2A

US EPA Tier II Hazards

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): Yes

EPCRA 311/312 Chemicals and RQs(lbs):

Diphenylmethanediisocyanate (5,000.00)

Ethyl Benzene (1,000.00)

Xylene: (100.00)

EPCRA 302 Extremely Hazardous

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Sara 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS - No	Weight%	SARA 313 - Threshold Values %
Xylene	1330-20-7	10 - 30	1.0
Ethyl benzene	100-41-4	7 - 13	.1
Supplier Trade Secret		5 - 10	1.0
Methylene bisphenyl isocyanate (MDI)			

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes

Chronic Health Hazard: Yes

Fire Hazard: Yes

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Xylene 1330-20-7	100 lb			X
Ethyl benzene 100-41-4	1000 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Xylene 1330-20-7	100lb		RQ= 100 lb final RQ, RQ= 45.4 kg final RQ
Ethyl Benzene 100-41-4	1000lb		RQ 1000 lb final RQ, RQ 454 kg final RQ
Methylene bisphenyl isocyanate (MDI)	5000lb		RQ 5000 lb final RQ, RQ 2270 kg final RQ

U.S State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Ethyl Benzene 100-41-4	Carcinogen

New Jersey RTK Substances (>1%):

Aluminum(AL)

Diphenylmethanediisocyanate

Ethyl Benzene

Polymeric Diphenylmethane Diisocyanate

Xylene

Pennsylvania RTK Substances (>1%):

Aluminum (Al)

Diphenylmethanediisocyanate

Ethyl Benzene

Xylene

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Xylene 1330-20-7	X	X	X	X	X
Ethyl Benzene 100-41-4	X	X	X	X	X
Supplier Trade Secret	X	X	X	X	
Polymethylene polyphenylene isocyanate 9016-87-9	X			X	
Methylene bisphenyl isocyanate (MDI) 101-68-8	X	X	X	X	X

International Regulations**Mexico**

National Occupational Exposure Limits

Component	Exposure Limit
Xylene 1330-20-7 (10-30)	Mexico: TWA= 100 ppm
	Mexico: TWA= 435 mg/m ³
	Mexico: STEL= 150 ppm
	Mexico: STEL= 655 mg/m ³
Ethyl Benzene 100-41-4(7-13)	Mexico: TWA 100 ppm
	Mexico: TWA 435 mg/m ³
	Mexico: STEL 125 ppm
	Mexico: STEL 545 mg/m ³
Supplier Trade Secret(5-10)	Mexico: TWA= 10 mg/m ³
Methylene bisphenyl isocyanate (MDI) 101-68-8(1-5)	Mexico: TWA 0.02 ppm
	Mexico: TWA 0.2 mg/m ³
	Mexico: TWA 0.005 ppm
	Mexico: TWA 0.051 mg/m ³

Mexico - Occupational Exposure Limits – Carcinogens

Canada**WHMIS Hazard Class**

D2A - Very toxic materials

D2B - Toxic materials

XVI. OTHER INFORMATION

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.