# SAFETY DATA SHEET

## I. IDENTIFICATION

PRODUCT IDENTIFICATION
EnergyGuard Aromatic Polyurethane
Packaging: pails, drums

DATE UPDATED
Monday, February 20, 2017

### SUPPLIER INFORMATION

### Distributing Specialty Coatings World Wide

**EPDM Coatings**
N.E Sales Office 494 Bridgeport Ave Suite 101, PMB 342 Shelton, CT 06484-4748,
Call: 610-298-1989, Fax: 702-977-2936
URL: https://www.epdmcoatings.com
Hours: Mon - Fri 8:30am – 5:30pm

## 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 diffculties 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 labled as follows:

## Hazard Pictograms


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<br>Acute Tox. 4;H332<br>Acute Tox. 4;H312<br>Skin Irrit. 2;H315 | [1][2] |
| Oxirane, methyl-, polymer with 1,1'-methylenebis[isocyanatobenzene] | 0157937-75-2 | 10 - 25 | Skin Irrit. 2;H315<br>Skin Sens. 1;H317<br>Eye Irrit. 2;H319<br>Acute Tox. 4;H332<br>Resp. Sens. 1;H334<br>STOT SE 3;H335<br>STOT RE 2;H373<br>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<br>Skin Sens. 1;H317<br>Eye Irrit. 2;H319<br>Acute Tox. 4;H332<br>Resp. Sens. 1;H334<br>STOT SE 3;H335<br>STOT RE 2;H373 | [1] |
| Diphenylmethanediisocyanate | 0000101-68-8 | 1.0 - 10 | Acute Tox. 4;H332<br>Skin Irrit. 2;H315<br>Eye Irrit. 2;H319<br>STOT SE 3;H335<br>Skin Sens. 1;H317<br>Resp. Sens. 1;H334 | [1][2] |
| Polymeric Diphenylmethane Diisocyanate | 0009016-87-9 | 1.0 - 10 | Acute Tox. 4;H332<br>Skin Irrit. 2;H315<br>Eye Irrit. 2;H319<br>STOT SE 3;H335<br>Skin Sens. 1;H317<br>Resp. Sens. 1;H334 | [1] |
| Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]- | 0005873-54-1 | 1.0 - 10 | Carc. 2;H351<br>Acute tox. 4;H332<br>STOT RE 2;H373 | [1] |

| | | | | |
|---|---|---|---|---|
| | | | Eye Irrit. 2;H319<br>STOT SE 3;H335<br>Skin Irrit. 2;H315<br>Resp. Sens. 1;H334<br>Skin Sens. 1;H317 | |
| Ethyl Benzene | 0000100-41-4 | 1.0 - 10 | Flam. Liq. 2;H225<br>Acute Tox. 4;H332<br>STOT RE 2;H373<br>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<br>STOT SE 3;H335<br>Skin Irrit. 2;H315<br>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 of enviromental hazard.
[2] Substance with workspace exposure limit.
[3] PBT-subtance of VpvB-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.

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## 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 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| 0000100-41-4 | Ethyl Benzene | OSHA<br>ACGIH<br>NIOSH | TWA 100 ppm (435 mg/m3)STEL 125 ppm<br>TWA: 20 ppm2B, Revised 2011,<br>TWA 100 ppm (435 mg/m3) ST 125 ppm (545 mg/m3) |
| 0000101-68-8 | Diphenylmethanediisocyanate | OSHA<br>ACGIH<br>NIOSH | C 0.2 mg/m3 (0.02 ppm)<br>TWA: 0.005 ppm Ceiling: 0.01 ppmSkin, S<br>TWA 0.05 mg/m3 (0.005 ppm) C 0.2 mg/m3 (0.020 ppm) [10-minute] |
| 0001330-20-7 | Xylene | OSHA<br>ACGIH | STEL 150 ppm<br>TWA: 100 ppm STEL: 150 ppm |
| 0005873-54-1 | Benzene, 1-isocyanato-2-[(4-isocyanatophenyl)methyl]- | ACGIH<br>NIOSH | TWA: 1.o mg/m3Revised 2008,<br>TWA 10 mg/m3 (total) TWA 5 mg/m3 (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%<br>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 toxiclty**

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, mgkg | 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, mgkg | 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 Suface Transportation) | IMO/IMDG (Ocean Transportaion) | 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 |

Enviromental 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 Jesey | 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/m3 |
| | Mexico: STEL= 150 ppm |
| | Mexico: STEL= 655 mg/m3 |
| Ethyl Benzene 100-41-4(7-13) | Mexico: TWA 100 ppm |
| | Mexico: TWA 435 mg/m3 |
| | Mexico: STEL 125 ppm |
| | Mexico: STEL 545 mg/m3 |
| Supplier Trade Secret(5-10) | Mexico: TWA= 10 mg/m3 |
| Methylene bisphenyl isocyanate (MDI) 101-68-8(1-5) | Mexico: TWA 0.02 ppm |
| | Mexico: TWA 0.2 mg/m3 |
| | Mexico: TWA 0.005 ppm |
| | Mexico: TWA 0.051 mg/m3 |

Mexico - Occupational Exposure Limits – Carcinogens

**Canada**
**WHMIS Hazard Class**
D2A - Very toxic materials
D2B - Toxic materials

B2 - Flammable liquid

## 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.