



EUCLID CHEMICAL

Version: 1.0  
Revision Date: 08/13/2015

# SAFETY DATA SHEET

## 1. Identification

**Material name:** EUCOBond LS -12/24oz CANS/STRAWS - CS  
**Material:** 070B-94

### Recommended use and restriction on use

**Recommended use:** Sealant  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Supplier/Distributor Information

EUCLID CHEMICAL COMPANY  
19218 REDWOOD ROAD  
CLEVELAND OH 44110  
US

**Contact person:** EH&S Department  
**Telephone:** 216-531-9222  
**Emergency telephone number:** 1-800-424-9300 (US); 1-613-996-6666 (Canada)

## 2. Hazard(s) identification

### Hazard Classification

#### Health Hazards

Germ Cell Mutagenicity                      Category 1B  
Carcinogenicity                                      Category 1A

#### Unknown toxicity - Health

Acute toxicity, oral                                      59.44 %  
Acute toxicity, dermal                                      59.44 %  
Acute toxicity, inhalation, vapor                      100 %  
Acute toxicity, inhalation, dust or mist              100 %

#### Environmental Hazards

Acute hazards to the aquatic environment              Category 3

#### Unknown toxicity - Environment

Acute hazards to the aquatic environment              99.94 %  
Chronic hazards to the aquatic environment              100 %

### Label Elements

**Hazard Symbol:**





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**Indication of immediate medical attention and special treatment needed**

**Treatment:** Symptoms may be delayed.

**5. Fire-fighting measures**

**General Fire Hazards:** No unusual fire or explosion hazards noted.

**Suitable (and unsuitable) extinguishing media**

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures:** No data available.

**Methods and material for containment and cleaning up:** Dam and absorb spillages with sand, earth or other non-combustible material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

**7. Handling and storage**

**Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.



Polymethylene polyphenyl isocyanate	TWA	0.005 ppm	0.051 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)
Methyl ether (Dimethyl ether)	TWA	1,000 ppm		Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
Isobutane	TWA	1,000 ppm		Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
Isobutane	TWAEV	800 ppm		Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
Propane	TWA	1,000 ppm		Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)
Propane	TWAEV	1,000 ppm		Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)
Propane	TWA	1,000 ppm	1,800 mg/m3	Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)

**Appropriate Engineering Controls**

Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of vapors and mist. Mechanical ventilation or local exhaust ventilation may be required.

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

- General information:** Use personal protective equipment as required.
- Eye/face protection:** Wear goggles/face shield.
- Skin Protection**
  - Hand Protection:** Use suitable protective gloves if risk of skin contact.
  - Other:** No data available.
- Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
- Hygiene measures:** Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product.

**9. Physical and chemical properties**



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#### Information on likely routes of exposure

**Ingestion:** May be ingested by accident. Ingestion may cause irritation and malaise.

**Inhalation:** In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.

**Skin Contact:** Causes mild skin irritation.

**Eye contact:** Eye contact is possible and should be avoided.

#### Information on toxicological effects

##### Acute toxicity (list all possible routes of exposure)

###### Oral

**Product:** ATEmix: 9,127.13 mg/kg

###### Dermal

**Product:** No data available.

###### Inhalation

**Product:** No data available.

###### Specified substance(s):

Methyl ether (Dimethyl ether) LC 50 (Rat, 4 h): > 20000 ppm

Isobutane LC 50 (Rat, 4 h): > 13023 ppm

Propane LC 50 (Rat, 4 h): > 13023 ppm

Butane LC 50 (Rat, 4 h): > 13023 ppm

###### Repeated dose toxicity

**Product:** No data available.

###### Skin Corrosion/Irritation

**Product:** No data available.

###### Serious Eye Damage/Eye Irritation

**Product:** No data available.



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## 12. Ecological information

### Ecotoxicity:

#### Acute hazards to the aquatic environment:

**Fish**  
Product: No data available.

**Aquatic Invertebrates**  
Product: No data available.

#### Chronic hazards to the aquatic environment:

**Fish**  
Product: No data available.

**Aquatic Invertebrates**  
Product: No data available.

**Toxicity to Aquatic Plants**  
Product: No data available.

### Persistence and Degradability

**Biodegradation**  
Product: No data available.

**BOD/COD Ratio**  
Product: No data available.

### Bioaccumulative Potential

**Bioconcentration Factor (BCF)**  
Product: No data available.

**Partition Coefficient n-octanol / water (log Kow)**  
Product: No data available.

**Specified substance(s):**  
Methyl ether (Dimethyl ether) Log Kow: 0.10

Isobutane Log Kow: 2.76

Propane Log Kow: 2.36

Butane Log Kow: 2.89



**SARA 302 Extremely Hazardous Substance**

None present or none present in regulated quantities.

**SARA 304 Emergency Release Notification**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Polymethylene polyphenyl isocyanate	5000 lbs.
Methyl ether (Dimethyl ether)	100 lbs.
Isobutane	100 lbs.
Propane	100 lbs.
Butane	100 lbs.
Diisononyl phthalate	

**SARA 311/312 Hazardous Chemical**

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Polymethylene polyphenyl isocyanate	500 lbs
Methyl ether (Dimethyl ether)	500 lbs
Isobutane	500 lbs
Propane	500 lbs
Butane	500 lbs

**SARA 313 (TRI Reporting)**

<u>Chemical Identity</u>
Polymethylene polyphenyl isocyanate

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Methyl ether (Dimethyl ether)	10000 lbs
Isobutane	10000 lbs
Propane	10000 lbs
Butane	10000 lbs

**US State Regulations**

**US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

**US. New Jersey Worker and Community Right-to-Know Act**

<u>Chemical Identity</u>
Polymethylene polyphenyl isocyanate
Methyl ether (Dimethyl ether)
Isobutane
Propane



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US TSCA Inventory:	All components in this product are listed on or exempt from the Inventory.
New Zealand Inventory of Chemicals:	One or more components in this product are not listed on or exempt from the Inventory.
Japan ISHL Listing:	One or more components in this product are not listed on or exempt from the Inventory.
Japan Pharmacopoeia Listing:	One or more components in this product are not listed on or exempt from the Inventory.

<b>16. Other information, including date of preparation or last revision</b>
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<b>Revision Date:</b>	08/13/2015
<b>Version #:</b>	1.0
<b>Further Information:</b>	No data available.
<b>Disclaimer:</b>	For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.