

MATERIAL SAFETY DATA SHEET

Date: 04/08/2010
Rubberized Undercoating Aerosol

Page: 1
MSDS Number: 110001

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Identity

Product Name: LOW VOC Rubberized Undercoating, Aerosol
Product Numbers: 101348
Product Use: Aerosol UnderCoating

Company

Fibre Glass-Evercoat
a Division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, Ohio USA
Phone: 513-489-7600

Emergency Telephone Numbers:

CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

Prepared By: Safety Department

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS Number</u>	<u>EINECS Number</u>	<u>% (by weight)</u>
Acetone	67-64-1	200-662-2	10-45
Toluene	108-88-3	203-625-9	10-30
Calcium carbonate	1317-65-3	215-279-6	5-10
Carbon black	1333-86-4	215-609-9	.1-1
Isobutane	75-28-5	200-857-2	5-10
Propane	74-98-6	200-827-9	10-30

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations.

SECTION 3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION.

Potential Health Effects

Acute Effects (Short Term):

Eye: May result in irritation, redness and tearing.

Skin: May cause skin irritation, defatting, drying and cracking of skin.

Swallowing: May cause headache, nausea, vomiting and weakness.

Inhalation: Inhalation of solvents may cause irritation. Propellant is a simple asphyxiant.

Chronic Effects of Overexposure (Long Term):

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Toluene: Possible birth defects hazard. Toluene may be harmful to the human fetus based on positive results with laboratory animals. Overexposure to Toluene has been suggested as a cause of the following effects in humans: cardiac sensitization, kidney damage. The substance may have effects on the central nervous system, resulting in decreased learning ability and psychological disorders.

Other Health Effects: NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Primary Route(s) of Entry: Inhalation, Skin contact, Eye contact, Ingestion, Skin absorption.

SECTION 4. FIRST AID MEASURES

Eyes: Flush eyes gently with water for at least 15 minutes, lifting upper & lower eye lids. Seek immediate medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

Swallowing: Consult a physician or poison control center immediately. DO NOT INDUCE VOMITING. Rinse mouth with water. Aspiration of material into lungs due to vomiting may cause chemical pneumonitis which can be fatal.

Inhalation: If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, oxygen may be beneficial if administered by trained personnel.

SECTION 5. FIRE FIGHTING MEASURES

AUTO IGNITION TEMPERATURE (°C)..... 465 - 480.

SPECIAL PROCEDURES.....Water from fogging nozzles may be used to cool closed containers to prevent build-up if exposed to extreme temperatures. Full protective equipment including self contained breathing apparatus should be worn in a fire involving this material.

FLAMMABILITY..... Extremely flammable.

IF YES, UNDER WHICH CONDITIONS? Excessive heat, sparks and open flame.

EXTINGUISHING MEDIA..... Water, carbon dioxide, dry chemical, foam.

FLASH POINT:(C), TAG CLOSED CUP...Lowest known value is acetone @ -18c.

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UPPER FLAMMABLE LIMIT..... 12.8.

(% BY VOLUME)

LOWER FLAMMABLE LIMIT..... 1.

(% BY VOLUME) EXPLOSION DATA

SENSITIVITY TO STATIC DISCHARGE..... Not applicable.

SENSITIVITY TO IMPACT..... Not applicable.

HAZARDOUS COMBUSTION PRODUCTS.....Hydrocarbon fumes and smoke.

Carbon monoxide where combustion is incomplete.

AEROSOL FLAME PROJECTION CLASSIFIED AS: >15cm BUT <100cm

SECTION 6. ACCIDENTAL RELEASE MEASURES

In Case of Spill: Eliminate all sources of ignition such as flares, flames (including pilot lights), and electrical sparks. Ventilate the area. Wear proper protective equipment. Avoid breathing vapors. Collect with an inert absorbant and dispose of properly.

SECTION 7. HANDLING AND STORAGE

Storage: Keep away from heat, sparks, and open flames.

Engineering controls: N/E

Ventilation: Local (mechanical if used indoors on a continuous basis).

Handling procedures and equipment: Store in a cool, well ventilated area not to exceed 50 deg c. All hazard precautions given in the data sheet must be observed. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Use only with adequate ventilation. Do not breathe vapors or spray mist. Do not take internally. Close container after each use.

Keep out of reach of children.

Synergistic materials..... N/E

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

GLOVES/ TYPE..... Wear chemical resistant gloves.

RESPIRATORY/TYPE.....if used indoors on a continuous basis, use of a cartridge type respirator (niosh/mshatc 23c or equivalent) is recommended.

EYE/TYPE.....safety glasses.

FOOTWEAR/TYPE.....not normally required.

OTHER/TYPE.....not required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	231°F/ 111 °C (toluene)	Vapor Density:	Greater than 1.
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Specific Gravity / Density:	0.95-0.99.	Percent Volatiles by weight:	N/A
Evaporation Rate:	Greater than 1.	Physical State:	Aerosol
Melting Point:	N/A	pH:	N/A
Odor:	Aromatic	Solubility:	Negligible
Vapor Pressure(psig)-Aerosol	55-65	Appearance:	Black
Octanol/Water Partition	Unknown	VOC (material):	N/A

SECTION 10. STABILITY AND REACTIVITY

Hazardous Polymerization: Not available

Hazardous Decomposition: May form toxic and corrosive gases: carbon dioxide, carbon monoxide and various hydrocarbons.

Chemical Stability: Stable under normal handling conditions.

Incompatibility: Highly reactive with oxidizing agents. Slightly reactive to acids, alkalis.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data:

Ingredient	CAS #	LD ₅₀ Oral-Rat	LC ₅₀ Inhalation-Rat
Toluene	108-88-3	5,000 mg/kg	8000 ppm
Acetone	67-64-1	>9750 mg/kg	>16,000 ppm
Calcium Carbonate	1317-65-3	N/A	N/A
Carbon Black	1333-86-4	>10000 mg/kg	N/A
Isobutane	75-28-5	N/A	142,500 ppm
Propane	74-98-6	N/A	N/A

Carcinogenicity: See Cancer Information, Section 3.

Mutagenicity: Not available.

Teratogenicity: Not available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

SECTION 13. DISPOSAL CONSIDERATION

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WASTE DISPOSAL..... Do not puncture or incinerate containers, even when empty. Dispose of in accordance with local, provincial and federal regulations.

SECTION 14. TRANSPORT INFORMATION

D.O.T. CLASSIFICATION..... Consumer commodity, orm-d.

T.D.G. CLASSIFICATION..... Consumer commodity (aerosols, un1950, class 2.1).

SECTION 15. REGULATORY INFORMATION

US Federal Regulations

TSCA (Toxic Substances Control Act) Status

TSCA (USA) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 302.4(a)

<u>Component</u>	<u>RQ (lbs.)</u>
Toluene	1000

SARA Title III: Section 302- Extremely Hazardous Substances

None

SARA Title III: Section 313- Toxic Chemical List

<u>Component</u>	<u>CAS Number</u>	<u>Percentage</u>
Toluene	100-42-5	30 – 60 %

International Regulations

EINECS (Europe) The intentional ingredients of this product are listed.

DSL (Canada) The intentional ingredients of this product are listed.

WHMIS Classification

Health Hazard: A, B5, D2B (Other Toxic Effects)

CNFC SECTION 3.3.5..... LEVEL 2.

CEPA (Canadian Environmental Protection Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING PERSONAL PROTECTION..... B.

NFPA CODE 30B..... LEVEL 2.

SARA 313 INFORMATION:.....PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND

REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: .

CAS #: CHEMICAL NAME: .

*108-88-3 TOLUENE

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California Proposition 65:

This product contains the following chemical(s) known to the state of California to cause cancer. NONE

This product contains the following chemical(s) known to the state of California to cause birth defects or reproductive harm. TOLUENE

SECTION 16. OTHER INFORMATION

HMIS Rating: Health – 2*, Flammability - 3, Reactivity - 0
Key- 0=Least, 1=Slight, 2=Moderate, 3=Serious, 4=Extreme, *=Chronic Effects

Additional Information may be obtained by calling the Evercoat MSDS Hotline at 1-800-729-7600.

NOTICE: The information accumulated herein is believed to be correct as of the date issued from sources, which are believed to be accurate and reliable. Since it is not possible to anticipate all circumstances of use, recipients are advised to confirm, in advance of need, that the information is current, applicable and suitable to their circumstances.