

Safety Data Sheet

Product Name: Fast Urethane Adhesive

Product identifier: 106101

Revision Date: 08-19-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: **Fast Urethane Adhesive**

Product identifier: 106101

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: Urethane Adhesive

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Chemical Manufacturer /
Importer / Distributor: ITW Evercoat
a division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, OH 45242
513-489-7600

Emergency phone number: CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols:



GHS Classification: Respiratory Sensitisation Category 1
Skin Sensitisation Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Carcinogenicity Category 2
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 3
Acute Toxicity - Inhalation Dust / Mist Category 4
Acute Toxicity - Inhalation Vapour Category 4

GHS Signal Word: Danger

GHS Hazard Statements: Causes skin irritation.

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May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation.
Suspected of causing cancer.
May cause damage to organs through prolonged or repeated exposure.

GHS Precautionary Statements:

Safety Precautions:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Wear respiratory protection.

First Aid Measures:

IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see on this label).
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
Wash contaminated clothing before reuse.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Hazards not otherwise classified:

Pre-existing eye, skin & respiratory disorders may be aggravated by exposure to fumes or vapors of this product at elevated temperatures.

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3. Composition/information on ingredients

| Chemical Component: | CAS number and other unique identifiers | % (or range) of ingredient |
|------------------------------|---|----------------------------|
| bisphenyl diisocyanate (MDI) | 101-68-8 | ~ 100 |
| Diphenylmethane Diisocyanate | 26447-40-5 | 1 - 5 |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

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

Skin Contact: Remove contaminated clothing or shoes, wipe excess from skin. Wash affected area thoroughly with soap and water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration. Call a physician or poison control center immediately. Asthmatic-type symptoms potentially caused by the exposure, may develop but the onset may be delayed for several hours.

Ingestion: Do not give any liquids, DO NOT induce vomiting. Seek immediate medical attention.

Most important symptoms/effects, acute and delayed:

Most important symptoms/effects (Acute): No data available

Most important symptoms/effects (Delayed): No data available

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

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Suitable extinguishing media: No data. Carbon dioxide Dry chemical Alcohol foam Water fog For large fires, alcohol resistant foams (ATC type) are preferred. General purpose synthetic foams (including AFFF) or protein foams may function but much less effective. Water is not recommended but may be applied in very large quantities as fine spray when other extinguishing media is not available.

Unsuitable extinguishing media: No data available

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters: Will not burn, no special instructions available. Use methods appropriate for surrounding materials. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not enter a confined space without full bunker gear. During fire, irritating and toxic gases may be generated by thermal decomposition or combustion. Do not use water. Reaction may produce heat and / or gases.

6. Accidental release measures

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

Methods and materials for containment and cleaning up: Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. Dike area to contain the spill and prevent releases to sewers, drains or other waterways. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Gather and store in a sealed container pending a waste disposal evaluation. Attempt to neutralize by adding a mixture of: water (80%) with non-ionic surfactant tergitol TMN-10 (20%), or water (90%), concentrated ammonia (3-8%) and detergent (23%). Add about 10 parts of neutralizer per part of Isocyanate while mixing. Allow to stand uncovered for 48 to let CO₂ escape. If ammonia is used, use good ventilation to prevent vapor exposure. Large quantities may be pumped into closed, but not sealed containers. Refer to section 13 for disposal information.

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7. Handling and storage

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Employee education and training in the safe use and handling of this material are required under the OSHA Hazard communication standard. Use with adequate ventilation

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in a dry area Keep away from heat, sparks, and flame Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility: Avoid temperatures above 90°F and below 64°F Avoid moisture. Product can decompose at elevated temperature.

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

| Chemical Component | OSHA PEL | ACGIH TLV-TWA | ACGIH STEL |
|--------------------|-------------------|-------------------|-------------------|
| No data available | No data available | No data available | No data available |

Appropriate engineering controls: No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion proof exhaust ventilation should be used.

Individual protection measures, such as personal protective equipment:

Eye Protection: Safety Glasses or goggles with splash guards or side shields.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Do not get in eyes, on skin and clothing Chemical resistant, impermeable gloves as needed to prevent excessive contact.

Respiratory Protection: No respiratory protection required under normal conditions of use. Avoid breathing aerosols and mists. If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in section 2.

Other Protective Equipment: Safety Glasses or goggles with splash guards or side shields. Do not get in eyes, on skin and clothing Chemical resistant, impermeable gloves as needed to prevent excessive contact.

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9. Physical and chemical properties

Appearance (physical state, color, etc.):

| | |
|---|-------------------|
| Appearance (physical state): | Liquid |
| Color: | Beige |
| Odor: | musty |
| Odor threshold: | No data available |
| pH: | No data available |
| Melting Point/Freezing Point (°C): | No data available |
| Initial Boiling Point and Boiling Range (°C): | No data available |
| Flash Point (°C): | No data available |
| Evaporation Rate: | No data available |
| Flammability (solid, gas): | No data available |
| Upper/lower flammability or explosive limits: | |
| Upper Flammable/Explosive Limit (%): | No data available |
| Lower Flammable/Explosive Limit (%): | No data available |
| Vapor Pressure: | No data available |
| Vapor Density: | 8.5 |
| Relative Density: | 1.32 |
| Solubility(ies): | No data available |
| Partition coefficient: n-octanol/water: | No data available |
| Auto-ignition Temperature (°C): | No data available |
| Decomposition Temperature: | No data available |
| Viscosity: | No data available |

10. Stability and reactivity

| | |
|--|---|
| Reactivity: | No data available |
| Chemical stability: | Stable under normal conditions. Product is very unstable when contaminated with water. |
| Possibility of hazardous reactions: | No data available |
| Conditions to avoid (e.g., static discharge, shock, or vibration): | No data available |
| Incompatible materials: | Avoid temperatures above 90°F and below 64°F Avoid moisture. Product can decompose at elevated temperature. |
| Hazardous decomposition products: | Carbon dioxide Carbon monoxide Aldehydes Acids Other organic substances |

11. Toxicological information

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Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): Eye contact, Skin contact, Ingestion

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: No data available Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache and dizziness.

Persons with pre-existing, nonspecific bronchial hyper reactivity can respond to concentrations below TLV with similar symptoms as well as asthma attack.

Skin Contact: No data available

Skin Absorption: Contact may cause irritation and possible dermatitis or sensitization. Acute skin contact – Isocyanates reacts with skin protein & moisture & cause irritation which may include reddening, swelling, rash, scaling or blistering.

Eye Contact: No data available Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.

Ingestion Irritation: No data available

Long-Term (Chronic) Health Effects:

Carcinogenicity: Suspected of causing cancer.

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

| Chemical Component | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------|-----------|-------------|-----------------|
| No data available | | | |

Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

| Chemical Name | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen |
|-------------------|-----------------|-----------------|----------------|
| No data available | N | N | N |

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12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): This material is not expected to be harmful to the ecology.
Persistence and degradability: No data available
Bioaccumulative potential: No data
Mobility in soil: No data available
Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

| Chemical Component | Aquatic EC50 Crustacea | Aquatic ERC50 Algae | Aquatic LC50 Fish |
|--------------------|------------------------|---------------------|-------------------|
| No data available | | | |

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Safe Handling of Waste: Disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.
Waste treatment methods (including packaging): Dispose of in a landfill. Disposal is not likely to be regulated.

14. Transport information

UN number: No data available
UN proper shipping name: Not Regulated
Transport hazard class(es): No data available
Packing group: No data available

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

TSCA Status: A component or components of this product are listed on the TSCA Inventory of Existing Chemical Substances.

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Regulated Components

| Chemical Component | CAS number and other unique identifiers | CERCLA | SARA EHS | SARA 313 | California Prop 65 |
|--------------------|---|--------|----------|----------|--------------------|
| No data available | | N | N | N | N |

16. Other information, including date of preparation or last revision.

Revision Date: 08-19-2016

Revision Number: 8

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