

Safety Data Sheet

Product Name: Panel Bonding Adhesive Cartridge

Product identifier: 100815

Revision Date: 08-18-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: **Panel Bonding Adhesive Cartridge**

Product identifier: 100815

Other means of identification

Synonyms: No data available

Recommended use of the chemical and restrictions on use: 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: Skin Sensitisation Category 1
Serious Eye Damage/Eye Irritation Category 2B

GHS Signal Word: Warning

GHS Hazard Statements: May cause an allergic skin reaction.
Causes eye irritation

GHS Precautionary Statements:

Safety Precautions: Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.

First Aid Measures:

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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Specific treatment (see on this label).

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Disposal:

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

Hazards not otherwise classified:

No data available

3. Composition/information on ingredients

| Chemical Component: | CAS number and other unique identifiers | % (or range) of ingredient |
|---------------------|---|----------------------------|
| Oxirane Homopolymer | 25085-99-8 | 10 - 30 |

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:

Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin Contact:

Wash with soap and water. Get medical attention if irritation develops or persists.

Inhalation:

Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.

Ingestion:

Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

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

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5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

Unsuitable extinguishing media: No data available

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

Fire and/or Explosion Hazards: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Special protective equipment and precautions for fire-fighters: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Methods and materials for containment and cleaning up: No special spill clean-up considerations. Collect and discard in regular trash.

7. Handling and storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure. Minimize dust generation and accumulation

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical Incompatibility: Acids Aluminum alloys Ammonia

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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. General room ventilation might be required to maintain operator comfort under normal conditions of use.

Individual protection measures, such as personal protective equipment:

Eye Protection: Wear safety glasses when handling this product. Wear splash-proof safety goggles if material could be misted or splashed into eyes.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Respiratory Protection: No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required.

Other Protective Equipment: Wear splash-proof safety goggles if material could be misted or splashed into eyes.

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state): Paste

Color: Black

Odor: No data available

Odor threshold: No data available

pH: No data available

Melting Point/Freezing Point (°C): No data available

Initial Boiling Point and Boiling Range (°C): 825

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: No data available

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|---|-------------------|
| Relative Density: | 9.7 |
| Solubility(ies): | Insoluble |
| Partition coefficient: n-octanol/water: | 1.36 |
| Auto-ignition Temperature (°C): | No data available |
| Decomposition Temperature: | No data available |
| Viscosity: | No data available |
| VOC (as packaged-less exempts and water): | 71 lbs/gal or |

10. Stability and reactivity

| | |
|--|--|
| Reactivity: | No data available |
| Chemical stability: | Stable under normal conditions. |
| Possibility of hazardous reactions: | No data available |
| Conditions to avoid (e.g., static discharge, shock, or vibration): | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination |
| Incompatible materials: | Acids Aluminum alloys Ammonia |
| Hazardous decomposition products: | Carbon dioxide, Carbon monoxide |

11. Toxicological information

| | |
|---|--|
| Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact): | Inhalation, Ingestion, Skin contact, Eye contact |
| 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: | Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Can cause mechanical irritation if dusts are generated. |
| Skin Contact: | Can cause minor skin irritation, defatting, and dermatitis. |
| Skin Absorption: | No absorption hazard in normal industrial use. |
| Eye Contact: | Can cause minor irritation, tearing and reddening. |
| Ingestion Irritation: | Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. |
| Ingestion Toxicity: | |

Long-Term (Chronic) Health Effects:

| | |
|------------------|---|
| Carcinogenicity: | None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA. |
| Reproductive and | No data available to indicate product or any components present at greater than |

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| Developmental Toxicity: | 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. |
| Inhalation: | Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. |
| Skin Contact: | Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis. |
| Skin Absorption: | Upon prolonged or repeated exposure, no hazard in normal industrial use. |

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 |

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

Description of waste residues: Spent or discarded material is non-hazardous according to environmental regulations.

Waste treatment methods (including packaging): Dispose of in a landfill. Disposal is not likely to be regulated.

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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: All components in this product are on the TSCA Inventory.

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: 08-18-2016
Revision Number: 8

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