

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: **Universal Bonding Adhesive A & B cartridge**

Product identifier: 100816

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
Carcinogenicity Category 1A
Serious Eye Damage/Eye Irritation Category 2B
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 2

GHS Signal Word: Danger

GHS Hazard Statements: May cause an allergic skin reaction.
Causes eye irritation
May cause cancer.
May cause damage to organs through prolonged or repeated exposure.

GHS Precautionary Statements:
Safety Precautions:

Obtain special instructions before use.

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

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.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

First Aid Measures:
IF ON SKIN: Wash with plenty of soap and water.
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.
Get medical advice/attention if you feel unwell.
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.

Storage: Store locked up.
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	15 - 40
Oxirane, mono derivatives	68609-97-2	1 - 5
Crystalline Silica (Quartz)	14808-60-7	0.1 - 1

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

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

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

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray 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 fire. Do not direct a water stream directly 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 if preheated to temperatures above the flash point in the presence of a source of ignition.

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. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. 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.

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

7. Handling and storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure. Minimize dust generation and accumulation. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid breathing material.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility: Acids Aluminum alloys Ammonia Metals Strong oxidizing agents

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. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

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. Wear goggles if dusts can reach the exposure limit. An eye wash station must be available where this product is used.

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. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Wear a NIOSH approved respirator if any exposure is possible.

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

Other Protective Equipment: Wear splash-proof safety goggles if material could be misted or splashed into eyes. Wear goggles if dusts can reach the exposure limit. An eye wash station must be available where this product is used.

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state): Paste

Color: Grey

Odor: Mercaptan

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

Relative Density: 11.28

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): 0 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 Metals Strong oxidizing agents

Hazardous decomposition products: Carbon dioxide, Carbon monoxide

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

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.

Inhalation Toxicity: Harmful! Can cause systemic damage (see "Target Organs")

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: Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

Carcinogenicity: May cause 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.

Inhalation: Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")

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			

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

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
Crystalline Silica (Quartz)	Y	Y	Y

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 may be a hazardous waste.
Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.

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.

Safety Data Sheet

Product Name: Universal Bonding Adhesive A & B cartridge

Product identifier: 100816

Revision Date: 08-18-2016

Replaces:

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
Crystalline Silica (Quartz)	14808-60-7	N	N	N	Y

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

Revision Date: 08-18-2016

Revision Number: 8

Disclaimer: 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