

Safety Data Sheet

Product Name: Panel Bond-45

Product identifier: 106045

Revision Date: 12-14-2015

Replaces:

EVERCOAT®

1. Identification

Product Name: Panel Bond-45

Product identifier: 106045

Relevant identified uses of the substance or mixture and uses advised against: Adhesive

Other means of identification

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

Emergency telephone 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

GHS Signal Word: Warning

GHS Hazard Statements: May cause an allergic skin reaction.

GHS Precautionary Statements:

Safety Precautions: Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
Specific treatment (see on this label).
If skin irritation or rash occurs: 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.

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Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
cycloaliphatic amine	proprietary	3 - 7
2,4,6-Tris[(Dimethylamino) Methyl] Phenol	90-72-2	1 - 5
Oxirane, mono derivatives	68609-97-2	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

Eye Contact: None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

Skin Contact: Wash with soap and water.

Inhalation: This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

Ingestion: No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

Immediate medical attention and special treatment needed,: No additional first aid information available

5. Fire-fighting measures

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

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.

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6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

No adverse health effects expected from the clean-up of spilled material. Follow personal protective equipment recommendations found in Section VIII of this MSDS.

7. Handling and storage

Precautions for safe handling:

No special handling instructions due to toxicity.

Conditions for safe storage:

Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical Incompatibility:

Strong oxidizing agents

8. Exposure controls/personal protection

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
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.

Eye Protection:

No special requirements under normal industrial use.

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.

Respiratory Protection:

No respiratory protection required under normal conditions of use.

9. Physical and chemical properties

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):

No data available

Flash Point (°C):

140

Evaporation Rate:

No data available

Flammability (solid, gas):

No data available

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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:	1.3
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)	48 or

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. .
Incompatible materials:	Strong oxidizing agents

11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact): Inhalation

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	No hazard in normal industrial use. Can cause mechanical irritation if dusts are generated.
Skin Contact:	No hazard in normal industrial use.
Skin Absorption:	No absorption hazard in normal industrial use.
Eye Contact:	No hazard in normal industrial use.
Ingestion Irritation:	No hazard in normal industrial use.

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 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, no hazard in normal industrial use.
Skin Contact:	Unlikely to cause irritation even on repeated contact.
Skin Absorption:	Upon prolonged or repeated exposure, no hazard in normal industrial use.

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Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

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
Mobility in soil: No data available
Other adverse effects (such as hazardous to the ozone layer): No data available

Données sur l'écotoxicité

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

13. Disposal considerations

Description of waste residues: Spent or discarded material is not expected to be a hazardous waste.
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.

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15. Regulatory information

Statut TSCA:

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					

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

Revision Date: 12-14-2015

Revision Number: 8

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