

Safety Data Sheet

Product Name: Panel Bond-45

Product identifier: 106045

Revision Date: 07-18-2015

Replaces:



1. Identification

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

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 Classification: Not classified as hazardous under GHS

Hazards not otherwise
classified: No data available

3. Composition/information on ingredients

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

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

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4. First-aid measures

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

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7. Handling and storage

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

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

Materials to Avoid/Chemical Incompatibility:: Acids Aluminum alloys Ammonia

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

Eye Protection: Wear safety glasses when handling this product.

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.

General Hygiene Conditions: Minimize dust generation and accumulation

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): 825

Flash Point (°C): 400

Evaporation Rate: No data available

Flammability (solid, gas): No data available

Upper Flammable/Explosive Limit: No data available

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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. Contamination.
Incompatible materials:	Acids Aluminum alloys Ammonia
Hazardous decomposition products:	Carbon dioxide, Carbon monoxide

11. Toxicological information

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

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Skin Contact: dizziness, weakness, fatigue, nausea, and headache.
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.

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

Ecological Toxicity Data

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 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 proper shipping name: The DOT Classification for shipping is dependent on quantity, type of packaging (a kit may include other components), or method of shipment.

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15. Regulatory information

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					

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

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