

Safety Data Sheet

Product Name: Panel Bond-45

Product identifier: 106045

Revision Date: 06-09-2015

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

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: Carcinogenicity Category 1A

GHS Signal Word: Danger

GHS Hazard Statements: May cause cancer.

GHS Precautionary Statements:

Safety Precautions: Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.

First Aid Measures: IF exposed or concerned: Get medical advice/attention.

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

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3. Composition/information on ingredients

| Chemical Component: | CAS number and other unique identifiers | % (or range) of ingredient |
|---------------------|---|----------------------------|
| Talc | 14807-96-6 | 10 - 30 |

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

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, 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. Use methods for the surrounding fire. |

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6. Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures:**

**Methods and material for
containment and cleaning up:**

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

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:

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 |
|--------------------|----------|---------------------|------------|
| Talc | 20 mppcf | 2 mg/m ³ | |

**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

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| | |
|---|-------------------|
| 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 |
| 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 |
|--|--|

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: | |

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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, 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.

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 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 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.

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.

Revision Date: 06-09-2015

Revision Number: 3

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