

# Safety Data Sheet

Product Name: Panel Bond-45

Product identifier: 106045

Revision Date: 12-14-2015

Replaces:



## 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

**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