Product Name: Panel Bond-45 Product identifier: 106045 Revision Date: 12-14-2015 Replaces:

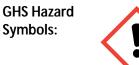


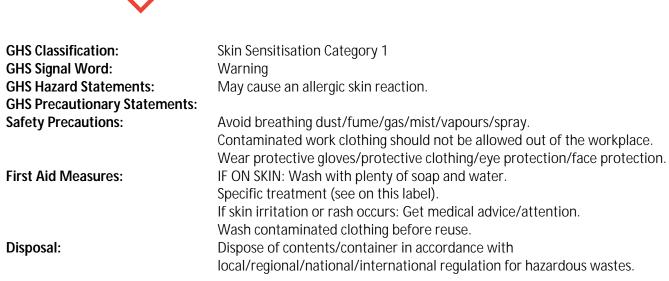
### 1. Identification

Product Name: Product identifier: Relevant identified uses of the substance or mixture and uses advised against:	Panel Bond-45 106045 Adhesive
Other means of identification Chemical Manufacturer / Importer / Distributor:	ITW Evercoat a division of Illinois Tool Works Inc. 6600 Cornell Road Cincinnati, OH 45242
Emergency telephone number:	513-489-7600 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;





Product Name: Panel Bond-45 Product identifier: 106045 Revision Date: 12-14-2015 Replaces:

Hazards not otherwise No c 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]	90-72-2	1 - 5
Phenol		
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
Ingestion:	individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure. 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-	fiahtina	measures
			1110000100

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.

### Product Name: Panel Bond-45 Product identifier: 106045 Revision Date: 12-14-2015 Replaces:

6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures:	No adverse health affects 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: Conditions for safe storage: Materials to Avoid/Chemical Incompatibility::	No special handling instructions due to toxicity. Store in a cool dry place. Isolate from incompatible materials. 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: Skin Protection:	No special requirements under normal industrial use. 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 re	quired under normal condition	ns 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

Product Name: Panel Bond-45 Product identifier: 106045

Revision Date: 12-14-2015 Replaces:

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
(inhalation, ingestion, skin and	
eye contact):	

## 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	No data available to indicate product or any components present at greater than
Developmental Toxicity:	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.

#### 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

This material is not expected to be harmful to the ecology.

Ecotoxicity (aquatic and	This material is no
terrestrial, where available):	
Persistence and degradability:	No data available
Mobility in soil:	No data available
Other adverse effects (such as	No data available
hazardous to the ozone layer):	

#### Données sur l'écotoxicité

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

13	. Disp	osal c	onsi	derati	ions							
_												

Description of waste residues:	Spent or discarded material is not expected to be a hazardous
	waste.
Waste treatment methods	Dispose of in a landfill. Disposal is not likely to be regulated.
(including packaging):	

### 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.

### 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