

Safety Data Sheet

Product Name: Professional Panel Bond 90 Minute Part B

Product identifier: 100843B

Revision Date: 07-08-2016

Replaces:

EVERCOAT®

1. Identification

Product identifier used on the label:

Product Name: Professional Panel Bond 90 Minute Part B

Product identifier: 100843B

Other means of identification

Synonyms: No data available

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

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

Emergency phone 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
Carcinogenicity Category 1A
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A

GHS Signal Word: Danger
GHS Hazard Statements: Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
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.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.

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First Aid Measures:

Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Specific treatment (see on this label).
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Wash contaminated clothing before reuse.

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

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
POLYMER 800986-5211P	800986-5211P	50 - 60
EPOXY RESIN MODIFIER 800986-5520P	800986-5520P	10 - 15
ORGANOSILOXANE 800986-5522P	800986-5522P	1.5 - 5
Cristobalite	14464-46-1	0.1485

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

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

Eye Contact:

Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye.

Skin Contact:

Remove contaminated clothing. If irritation develops, get medical attention. If on skin, rinse well with water. Wash contaminated clothing before re-use.

Inhalation:

Move to fresh air. Keep patient warm and at rest. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

Ingestion:

Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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Most important symptoms/effects, acute and delayed:

Most important symptoms/effects (Acute): Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: stomach or intestinal upset (nausea, vomiting, diarrhea) irritation (nose, throat, airways). Drowsiness. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause cancer.

Most important symptoms/effects (Delayed): No data available

Indication of immediate medical attention and special treatment needed, if necessary: No additional first aid information available

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, Foam, Carbon dioxide (CO₂), Dry chemical

Unsuitable extinguishing media: Full water jet

Specific hazards arising from the chemical (e.g., nature of any hazardous combustion products):

Fire and/or Explosion Hazards: Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide, Formaldehyde, Hydrocarbons, Hydrogen, Methanol, Phenols, Silicone polymers, Silicon dioxide

Special protective equipment and precautions for fire-fighters: Product is compatible with standard fire-fighting agents. In case of fire: Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment, and emergency procedures: Use personal protection equipment. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Methods and materials for containment and cleaning up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Environmental precautions: Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

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7. Handling and storage

Precautions for safe handling: Do not breathe vapors/dust.
Do not smoke.
Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Container hazardous when empty.
Avoid exposure - obtain special instructions before use.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
Dispose of rinse water in accordance with local and national regulations. Do not smoke. Persons susceptible to skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Container hazardous when empty. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. Smoking, eating and drinking should be prohibited in the application area. For personal protection see section 8. Dispose of rinse water in accordance with local and national regulations.

Conditions for safe storage, including any incompatibilities

Conditions for safe storage: Keep container tightly closed. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

Materials to Avoid/Chemical Incompatibility: No data available

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Cristobalite	No data available	0.025mg/m ³	No data available

Appropriate engineering controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Individual protection measures, such as personal protective equipment:

Eye Protection: Wear chemical splash goggles and face shield when there is

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Skin Protection:	potential for exposure of the eyes or face to liquid, vapor or mist. Maintain eye wash station in immediate work area. Wear appropriate chemical resistant clothing. Chemical resistant apron. Safety shoes. Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier). Safety shoes Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier).
Respiratory Protection:	Chemical respirator with organic vapor cartridge and full face piece. NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.
Other Protective Equipment:	Safety shoes Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment supplier).

9. Physical and chemical properties

Appearance (physical state, color, etc.):

Appearance (physical state):	Viscous Liquid
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):	150
Flash Point (°C):	99
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper Flammable/Explosive Limit (%):	No data available
Lower Flammable/Explosive Limit (%):	No data available
Vapor Pressure:	< 0.1 hPa
Vapor Density:	No data available
Relative Density:	1.09

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Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	No data available
Decomposition Temperature:	No data available
Viscosity:	>10000mm ² /s

10. Stability and reactivity

Reactivity:	No decomposition if stored and applied as directed.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Contact with air. Moisture
Incompatible materials:	No data available
Hazardous decomposition products:	Silicon dioxide Silicone polymers Phenols Methanol Hydrogen Hydrocarbons Formaldehyde Carbon dioxide, Carbon monoxide

11. Toxicological information

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):	Inhalation, Skin contact, Eye contact, Ingestion
Symptoms related to the physical, chemical and toxicological characteristics:	No data available

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	No data available
Skin Contact:	May cause skin irritation or an allergic skin reaction.
Eye Contact:	Causes serious eye irritation.
Ingestion Irritation:	No data available

Long-Term (Chronic) Health Effects:

Carcinogenicity:	May cause cancer.
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.

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Numerical measures of toxicity (such as acute toxicity estimates)

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
POLYMER 800986-5211P	Oral LD50 Rat > 2000 mg/kg	Dermal LD50 Rat > 2000 mg/kg	
ORGANOSILOXANE 800986-5522P	Oral LD50 Rat 8025 mg/kg	Dermal LD50 Rabbit 4250 mg/kg	Inhalation LC50 (4h) Rat > 5 MG/L

Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
Cristobalite	N	Y	Y

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Persistence and degradability: No data available

Bioaccumulative potential: No data

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
POLYMER 800986-5211P	Aquatic LC50 (48h) Daphnia 2.8 MG/L	Aquatic EC50 (72h) 4.2 MG/L	Aquatic LC50 (96h) Rainbow Trout 2.7 MG/L
ORGANOSILOXANE 800986-5522P	Aquatic EC50 (48h) Daphnia 324 MG/L	Aquatic EC50 (96h) 350 MG/L	Aquatic LC50 (96h) 55 MG/L

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging

Description of waste residues: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. Dispose of in accordance with all applicable local, state and federal regulations.

Waste treatment methods (including packaging): Empty remaining contents. Dispose of as unused product. Empty containers should be taken to an approved waste handling site

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for recycling or disposal. Do not re-use empty containers.

14. Transport information

UN number: UN 3082
UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (BISPHENOL A-EPICHLOROHYDRIN POLYMER)
Transport hazard class(es): 9
Packing group: III

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

Safety, health and environmental regulations specific for the product in question

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
Cristobalite	14464-46-1	N	N	N	Y
Carbon black	1333-86-4	N	N	N	Y
Epichlorohydrin	106-89-8	N	N	Y	Y

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

Revision Date: 07-08-2016

Revision Number: 1

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