

MATERIAL SAFETY DATA SHEET

700-C-685

03 00

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER

700-C-685

HMIS CODES

|              |   |
|--------------|---|
| Health       | 3 |
| Flammability | 1 |
| Reactivity   | 0 |

PRODUCT NAME

High Solids Epoxy (Part B), Catalyst

MANUFACTURER'S NAME

THE SHERWIN-WILLIAMS COMPANY  
101 Prospect Avenue N.W.  
Cleveland, OH 44115

EMERGENCY TELEPHONE NO.

(216) 566-2917

DATE OF PREPARATION

01-APR-07

INFORMATION TELEPHONE NO.

(216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

| % by WT | CAS No.     | INGREDIENT              | UNITS         | VAPOR PRESSURE |
|---------|-------------|-------------------------|---------------|----------------|
| 38      | 100-51-6    | Phenylmethanol          |               |                |
|         |             | ACGIH TLV               | Not Available |                |
|         |             | OSHA PEL                | Not Available | 0.15 mm        |
| 3       | 112-57-2    | Tetraethylene Pentamine |               |                |
|         |             | ACGIH TLV               | Not Available |                |
|         |             | OSHA PEL                | Not Available |                |
| 15      | 694-83-7    | 1,2-Cyclohexanediamine  |               |                |
|         |             | ACGIH TLV               | Not Available |                |
|         |             | OSHA PEL                | Not Available |                |
| 23      | Proprietary | Polyamine               |               |                |
|         |             | ACGIH TLV               | Not Available |                |
|         |             | OSHA PEL                | Not Available |                |
| 20      | Proprietary | Polyamidoamine          |               |                |
|         |             | ACGIH TLV               | Not Available |                |
|         |             | OSHA PEL                | Not Available |                |

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE

INHALATION of vapor or spray mist.

EYE or SKIN contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE

EYES: Causes burns.

SKIN: Causes burns.

INHALATION: Causes burns of the upper respiratory system.

In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause allergic skin reaction in susceptible persons or skin sensitization.

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CANCER INFORMATION  
For complete discussion of toxicology data refer to Section 11.

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## Section 4 -- FIRST AID MEASURES

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EYES: Flush eyes with large amounts of water for 15 minutes.  
Get medical attention IMMEDIATELY.

SKIN: Wash affected area thoroughly with soap and water.  
If irritation persists or occurs later, get medical  
attention.  
Remove contaminated clothing and launder before re-use.

INHALATION: If affected, remove from exposure. Restore breathing.  
Keep warm and quiet.

INGESTION: Do not induce vomiting.  
Get medical attention immediately.

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## Section 5 -- FIRE FIGHTING MEASURES

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|             |      |      |
|-------------|------|------|
| FLASH POINT | LEL  | UEL  |
| 200 F PMCC  | N.A. | N.A. |

## FLAMMABILITY CLASSIFICATION

Not Applicable

## EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

## UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when  
exposed to extreme heat.

During emergency conditions overexposure to decomposition products may  
cause a health hazard. Symptoms may not be immediately apparent. Obtain  
medical attention.

## SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus  
should be used.

Water spray may be ineffective. If water is used, fog nozzles are  
preferable. Water may be used to cool closed containers to prevent  
pressure build-up and possible autoignition or explosion when exposed to  
extreme heat.

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## Section 6 -- ACCIDENTAL RELEASE MEASURES

## STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area.  
Remove with inert absorbent.

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## Section 7 -- HANDLING AND STORAGE

## STORAGE CATEGORY

DOL Storage Class IIIB

## PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved  
containers with complete and appropriate labeling. Do not take internally.  
Keep out of the reach of children.

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 Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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## PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation.

Do not get in eyes, or on skin or clothing. Do not breathe vapor or spray mist.

Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m<sup>3</sup> (total dust), 3 mg/m<sup>3</sup> (respirable fraction), OSHA PEL 15 mg/m<sup>3</sup> (total dust), 5 mg/m<sup>3</sup> (respirable fraction).

## VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

## RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

## PROTECTIVE GLOVES

To prevent skin contact, wear gloves which are recommended by glove supplier for protection against materials in Section 2.

## EYE PROTECTION

To prevent eye contact, wear safety spectacles with unperforated sideshields.

## OTHER PROTECTIVE EQUIPMENT

Use barrier cream on exposed skin.

## OTHER PRECAUTIONS

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

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 Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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|  |                   |  |
|--|-------------------|--|
| PRODUCT WEIGHT   | 8.53 lb/gal       | 1022 g/l                                 |
| SPECIFIC GRAVITY   | 1.03              |  |
| BOILING POINT  | 396 - 405 F       | 202 - 207 C                              |
| MELTING POINT  | Not Available     |  |
| VOLATILE VOLUME  | 37 %              |  |
| EVAPORATION RATE   | Slower than ether |  |
| VAPOR DENSITY  | Heavier than air  |  |
| SOLUBILITY IN WATER  | N.A.              |  |
| VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged) |                   |  |
| 3.27 lb/gal  | 392 g/l           | Less Water and Federally Exempt Solvents |
| 3.27 lb/gal  | 392 g/l           | Emitted VOC                              |

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 Section 10 -- STABILITY AND REACTIVITY  
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STABILITY -- Stable  
 CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

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 Section 11 -- TOXICOLOGICAL INFORMATION  
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CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to nervous systems.

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 TOXICOLOGY DATA

| CAS No.     | Ingredient Name         |      |     |     |               |
|-------------|-------------------------|------|-----|-----|---------------|
| 100-51-6    | Phenylmethanol          | LC50 | RAT | 4HR | Not Available |
|             |                         | LD50 | RAT |     | Not Available |
| 112-57-2    | Tetraethylene Pentamine | LC50 | RAT | 4HR | Not Available |
|             |                         | LD50 | RAT |     | 205 mg/kg     |
| 694-83-7    | 1,2-Cyclohexanediamine  | LC50 | RAT | 4HR | Not Available |
|             |                         | LD50 | RAT |     | Not Available |
| Proprietary | Polyamine               | LC50 | RAT | 4HR | Not Available |
|             |                         | LD50 | RAT |     | Not Available |
| Proprietary | Polyamidoamine          | LC50 | RAT | 4HR | Not Available |
|             |                         | LD50 | RAT |     | Not Available |

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 Section 12 -- ECOLOGICAL INFORMATION  
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ECOTOXICOLOGICAL INFORMATION

No data available.

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 Section 13 -- DISPOSAL CONSIDERATIONS  
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WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

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