Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER                                      HMIS CODES
B58V600                                             Health  2*
                                                Flammability  3
                                                Reactivity  0

PRODUCT NAME                                        MACROPOXY* 646 Fast Cure Epoxy Coating (Part B), Hardener
MANUFACTURER’S NAME                                THE SHERWIN−WILLIAMS COMPANY
                                          EMERGENCY TELEPHONE NO. (216) 566−2917
                                          101 Prospect Avenue N.W.
                                          Cleveland, OH 44115
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
−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−
   0.3   100−41−4  Ethylbenzene
         ACGIH TLV  100  ppm               7.1 mm
         ACGIH TLV  125  ppm STEL
         OSHA PEL  100  ppm
         OSHA PEL  125  ppm STEL

   2    1330−20−7  Xylene
         ACGIH TLV  100  ppm               5.9 mm
         ACGIH TLV  150  ppm STEL
         OSHA PEL  100  ppm
         OSHA PEL  150  ppm STEL

<0.1  50−00−0  Formaldehyde (max.)
         ACGIH TLV  0.3  ppm CEILING        27.56 mm
         OSHA PEL  0.75  ppm
         OSHA PEL   2  ppm STEL

   10   108−10−1  Methyl Isobutyl Ketone
         ACGIH TLV  50  ppm                 16 mm
         ACGIH TLV  75  ppm STEL
         OSHA PEL  50  ppm
         OSHA PEL  75  ppm STEL

   14  Proprietary  Epoxy Polymer
         ACGIH TLV  Not Available
         OSHA PEL  Not Available

   14     25068−38−6  Epoxy Polymer
         ACGIH TLV  Not Available
         OSHA PEL  Not Available

   58    14808−60−7  Quartz
         ACGIH TLV  0.05  mg/m3 as Resp. Dust
         OSHA PEL  0.1  mg/m3 as Resp. Dust

Continued on page 2
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: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.
May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
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.

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

Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water. If irritation persists or occurs later, get medical attention.
INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
INGESTION: Do not induce vomiting. Get medical attention immediately.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT LEL UEL
73 F PMCC 1.0 7.5

FLAMMABILITY CLASSIFICATION
RED LABEL -- Flammable, Flash below 100 F (38 C)

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions.
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Continued on page 3
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.

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.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY
DOL Storage Class IC
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are FLAMMABLE. Keep away from heat, sparks, and open flame.
During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
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.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
Contains a formaldehyde-based resin which, under certain conditions of use, may release Formaldehyde.
Use only with adequate ventilation.
Avoid contact with skin and eyes. Avoid breathing vapor and 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/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (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.

Continued on page 4
RESPIRATORY PROTECTION

A properly fitted, full face respirator effective for particulates, organic solvents, and formaldehyde or an air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist concentrations are below permissible limits. Follow respirator manufacturer’s directions for respirator use.

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

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PROTECTIVE EQUIPMENT

Use of barrier cream on exposed skin is recommended.

OTHER PRECAUTIONS

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

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Units</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td></td>
<td>13.46 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td></td>
<td>1.62</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td></td>
<td>237 – 292 F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td></td>
<td>113 – 144 C</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
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<td>24 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td></td>
<td>Slower than ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
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<td>Heavier than air</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
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<td>N.A.</td>
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<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC</td>
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<tr>
<td>Theoretical - As Packaged)</td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.65 lb/gal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>198 g/l</td>
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<tr>
<td></td>
<td></td>
<td>Less Water and Federally Exempt Solvents</td>
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<tr>
<td></td>
<td></td>
<td>1.65 lb/gal</td>
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<tr>
<td></td>
<td></td>
<td>198 g/l</td>
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<tr>
<td></td>
<td></td>
<td>Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable

CONDITIONS TO AVOID

None known.

INCOMPATIBILITY

None known.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION

Will not occur

Continued on page 5
Section 11 −− TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Formaldehyde, listed by IARC, NTP and OSHA, has been shown to cause cancer of the nasal cavity in rats exposed to high levels. Available evidence in humans is inconclusive.

Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
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<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Notice Available</th>
<th>LD50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
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<tbody>
<tr>
<td>100−41−4</td>
<td>Ethylbenzene</td>
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<td></td>
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<td></td>
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<tr>
<td>1330−20−7</td>
<td>Xylene</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50−00−0</td>
<td>Formaldehyde (max.)</td>
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<td></td>
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</tr>
<tr>
<td>108−10−1</td>
<td>Methyl Isobutyl Ketone</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proprietary</td>
<td>Epoxy Polymer</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
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<tr>
<td>25068−38−6</td>
<td>Epoxy Polymer</td>
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<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>14808−60−7</td>
<td>Quartz</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 12 −− ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
No data available.

Continued on page 6
Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)
1 Gallon and Less may be Classed as CONSUMER COMMODITY, ORM-D
Larger Containers are Regulated as:
UN1263, PAINT RELATED MATERIAL, 3, PG III, (ERG#128)

DOT (Dept of Transportation) Hazardous Substances & Reportable Quantities
Methylisobutyl ketone 5000 lb RQ
Xylenes (isomers and mixture) 100 lb RQ

Bulk Containers may be Shipped as (check reportable quantities):
UN1263, PAINT RELATED MATERIAL, 3, PG III, (ERG#128)

Canada (TDG)
UN1263, PAINT RELATED MATERIAL, CLASS 3, PG III, LIMITED QUANTITY,
(ERG#128)

IMO
UN1263, PAINT RELATED MATERIAL, CLASS 3, PG III, (23 C c.c.), EmS F-E,
S-E

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>0.3</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>108-10-1</td>
<td>Methyl Isobutyl Ketone</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Continued on page 7
Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.