MATERIAL SAFETY DATA SHEET

WL0001511A
01 00

===========================================================================
Section 1 -- PRODUCT AND COMPANY IDENTIFICATION
===========================================================================

PRODUCT NUMBER                  HMIS CODES
WL0001511A                      Health  2
                                Flammability  2
                                Reactivity  0

PRODUCT NAME
SherCrete® SW-2NS Polyurethane Sealant, Part A

MANUFACTURER'S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

DATE OF PREPARATION
17-MAY-05

MANUFACTURER'S EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(216) 566-2902

===========================================================================
Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS
===========================================================================

% by WT   CAS No.    INGREDIENT                  UNITS          VAPOR PRESSURE
---------------------------------------------------------------------------
5       64742-95-6  Light Aromatic Hydrocarbons
          ACGIH TLV Not Available             3.8 mm
          OSHA PEL Not Available
1       98-82-8    Cumene
          ACGIH TLV 50 ppm                     10 mm
          OSHA PEL 50 ppm
2       95-63-6    1,2,4-Trimethylbenzene
          ACGIH TLV 25 ppm                   2.03 mm
          OSHA PEL 25 ppm
<5      471-34-1   Calcium Carbonate
          ACGIH TLV 10 mg/m3 as Dust           
          OSHA PEL 15 mg/m3 Total Dust       
          OSHA PEL 5 mg/m3 Respirable Fraction

===========================================================================
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 respiratory and/or skin reaction in susceptible
persons or sensitization. This effect may be delayed several hours after
exposure.

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

Continued on page 2
**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. Remove contaminated clothing and launder before re-use.
- **INHALATION:** If any breathing problems occur during use, LEAVE THE AREA and get fresh air. If problems remain or occur later, IMMEDIATELY get medical attention.
- **INGESTION:** Do not induce vomiting. Get medical attention immediately.

**Section 5 -- FIRE FIGHTING MEASURES**

- **FLASH POINT**
  - 151 F
- **TCC**
  - 0.7
- **UEL**
  - 7.0
- **FLAMMABILITY CLASSIFICATION**
  - Combustible, Flash above 99 and below 200 F
- **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.
- **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 IIIA
- **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**
  - Contents are COMBUSTIBLE. Keep away from heat and open flame.
  - 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**
  - **NO PERSON SHOULD USE THIS PRODUCT, OR BE IN THE AREA WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS OR IF THEY EVER HAD A REACTION TO ISOCYANATES.**

Continued on page 3
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).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

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
None normally needed. 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.

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

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

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>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.0</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>305 - 360 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>10 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than air</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>N.A.</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>0.75 lb/gal 90 g/l Less Water and Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>0.75 lb/gal 90 g/l</td>
</tr>
</tbody>
</table>

Continued on page 4
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

Section 11 -- TOXICOLOGICAL INFORMATION

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 the liver, urinary and reproductive systems.
Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>Not Available</th>
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<tbody>
<tr>
<td>64742-95-6</td>
<td>Light Aromatic Hydrocarbons</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>98-82-8</td>
<td>Cumene</td>
<td>LC50</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td></td>
<td>Not Available</td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>LC50</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
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<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td></td>
<td>1400 mg/kg</td>
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<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>LC50</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td></td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

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.

Section 14 -- TRANSPORT INFORMATION

No data available.

Continued on page 5
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>98-82-8</td>
<td>Cumene</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>95-63-6</td>
<td>1,2,4-Trimethylbenzene</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: This product contains chemicals known to the State of California to cause cancer.

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

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.
Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER                                             HMIS CODES
WL0001511B                                         Health       3*
                                                     Flammability  0
                                                     Reactivity   1

PRODUCT NAME
SherCrete® SW-2NS Polyurethane Sealant, Part B

MANUFACTURER'S NAME                           EMERGENCY TELEPHONE NO.
THE SHERWIN-WILLIAMS COMPANY                (216) 566-2917
101 Prospect Avenue N.W.
Cleveland, OH 44115

DATE OF PREPARATION                           INFORMATION TELEPHONE NO.
17-MAY-05                                   (216) 566-2902

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT       CAS No.  INGREDIENT             UNITS          VAPOR PRESSURE
---------------------------------------------------------------------------
1        101-68-8  4, 4'-Diphenylmethane Diisocyanate
          ACGIH TLV  0.005  ppm
          OSHA PEL  0.02  ppm CEILING
>25       51447-37-1  Diphenylmethane Diisocyanate Polymer
          ACGIH TLV Not Available
          OSHA PEL Not Available

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE
EYE or SKIN contact with product.

EFFECTS OF OVEREXPOSURE
EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.

INHALATION: Irritation of the upper respiratory system.

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 respiratory and/or skin reaction in susceptible persons or sensitization. This effect may be delayed several hours after exposure.

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.

INHALATION: If any breathing problems occur during use, LEAVE THE AREA and get fresh air. If problems remain or occur later, IMMEDIATELY get medical attention.

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

Continued on page 2
Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT          LEL      UEL
Not Applicable      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.

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove with inert absorbent.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY
Not Applicable

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.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
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Continued on page 3
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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
None normally needed. 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.

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

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

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

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE 1</th>
<th>VALUE 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>10.4 lb/gal</td>
<td>1250 g/l</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.25</td>
<td></td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>0 %</td>
<td></td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>N.A.</td>
<td></td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>0.00 lb/gal</td>
<td>0 g/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Less Water and Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.00 lb/gal</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, Oxides of Nitrogen, possibility of Hydrogen Cyanide

HAZARDOUS POLYMERIZATION
Will not occur

Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen. Persons sensitive to isocyanates will experience increased allergic reaction on repeated exposure.
TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>4, 4’-Diphenylmethane Diisocyanate</td>
</tr>
<tr>
<td></td>
<td>LC50 RAT 4HR Not Available</td>
</tr>
<tr>
<td></td>
<td>LD50 RAT Not Available</td>
</tr>
<tr>
<td>51447-37-1</td>
<td>Diphenylmethane Diisocyanate Polymer</td>
</tr>
<tr>
<td></td>
<td>LC50 RAT 4HR Not Available</td>
</tr>
<tr>
<td></td>
<td>LD50 RAT Not Available</td>
</tr>
</tbody>
</table>

Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

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.

Section 14 -- TRANSPORT INFORMATION

No data available.

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPONENT</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-68-8</td>
<td>4, 4’-Diphenylmethane Diisocyanate</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

TSCA CERTIFICATION

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