

DOW CORNING CORP -- 1-2577 CONFORMAL COATING -- 5970-00-402-2323

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Product Identification  
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Product ID:1-2577 CONFORMAL COATING

MSDS Date:11/16/1993

FSC:5970

NIIN:00-402-2323

MSDS Number: BWZLJ

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48640

Country:US

Info Phone Num:517-496-6000 517-496-6315

Emergency Phone Nu

m:517-496-5900 800-424-9300(CHEMTREC)

CAGE:5D028

=== Contractor Identification ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Phone:517-496-6000/517-496-6315

CAGE:5D028

Company Name:DOW CORNING CORP

Address:2200 W SALZBURG RD

Box:City:AUBURN

State:MI

ZIP:48611

Country:US

Phone:517-496-4388

CAGE:71984

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Composition/Information on Ingredients  
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Ingred Name:TOLUENE (SARA 313) (CERCLA)

CAS:108-88-3

RTECS

#:XS5250000  
Fraction by Wt: 24%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:200 PPM; Z-2  
ACGIH TLV:S, 50 PPM; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:METHYLTRIMETHOXYSILANE  
CAS:1185-55-3  
RTECS #:VV4650000  
Fraction by Wt: 3%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYLMETHYLPHENYL-METHOXY SILICONE POLYMER  
CAS:68952-93-2  
Fraction by Wt: 73%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLATILE ORGANIC CONTENT(INCLUSIVE OF WATER AND EXEMPT  
COMPOUNDS)=740G/L  
RTEC  
S #:9999999VO  
Other REC Limits:NONE RECOMMENDED

Ingred Name:VOLATILE ORGANIC CONTENT(EXCLUSIVE OF WATER AND EXEMPT  
COMPOUNDS)=761G/L  
RTECS #:9999999VO  
Other REC Limits:NONE RECOMMENDED

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 636MG/KG FOR TOLUENE  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES:MAY CAUSE MODERATE TO SEVERE

IRRITATION.SKIN:MAY CAUSE IRRITATION.INGEST:LARGE AMOUNTS MAY CAUSE  
INJURY.MAY CAUSE LUNG DAMAGE IF VOMITED AFTER INGESTING.INHAL:MAY  
CAUSE RESPIRATORY IRRITATION.TEM PERATURES >302F,EVOLVE  
FORMALDEHYDE.CHRNIC:MODERATE SKIN IRRITATION.CHRONIC:MAY DAMAGE  
KIDNEYS,LIVER AND NERVOUS SYSTEM.

Explanation of Carcinogenicity:TOLUENE IS A SUSPECTED REPRODUCTIVE  
TOXIN.FORMALDEHYDE AND METHYL ALCOHOL ARE CARCINOGENS.

Effects of Overexposure:EYES:REDNESS,SWELLING,CORNEAL  
INJURY.INHAL

:DROWSINESS.

Medical Cond Aggravated by Exposure: PERSONS WITH PRE-EXISTING LIVER, KIDNEY AND NERVOUS SYSTEM AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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First Aid Measures  
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First Aid: SKIN: REMOVE CONTAMINATED CLOTHING; WASH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INHAL: REMOVE TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. INGEST: DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point: 55.0F, 12.8C

Extinguishing Media: DRY CHEMICAL, CARBON DIOXIDE, FOAM. WATER IS NOT AN EFFECTIVE EXTINGUISHANT.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion

Hazard: VAPORS ARE HEAVIER THAN AIR, CAN TRAVEL DISTANCES ALONG THE GROUND, AND FLASHBACK AT THE SOURCE.

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Accidental Release Measures  
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Spill Release Procedures: ELIMINATE SOURCES OF IGNITION. USE PROPER RESPIRATORY AND PROTECTIVE EQUIPMENT. VENTILATE AREA. SOAK UP WITH A NON-COMBUSTIBLE INERT ABSORBANT (CLAY, SAND); PLACE IN PROPER CONTAINER FOR DISPOSAL.

Neutralizing Agent: NOT APPLICABLE.

=====  
Handling and Storage  
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Handling and Storage Precautions: STORE IN A COOL, DRY, WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT, SPARKS, FLAMES AND INCOMPATIBLE MATERIALS.

Other Precautions: FOLLOW LABEL DIRECTIONS. AVOID BREATHING VAPORS. AVOID SKIN AND EYE CONTACT.

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Exposure Controls/Personal Protection  
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Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE A SELF-CONTAINED BREATHING APPARATUS.

Ventila

tion:USE LOCAL EXHAUST

Protective Gloves:CHEMICALLY RESISTANT

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:F2

Spec Gravity:1.04

Vis

cosity:800CST

Solubility in Water:INSOLUBLE

Appearance and Odor:LIQUID;GREEN;STRONG ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.WATER OR HUMID AIR FORMS METHYL ALCOHOL.

Stability Condition to Avoid:HIGH HEAT,SOURCES OF IGNITION.

Hazardous Decomposition Products:HMIS SUGGESTS CARBON DIOXIDE,CARBON MONOXIDE

===== Disposal Considerations =====

Waste Disposal Metho

ds:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.CONSIDER RCRA CODE U220(TOLUENE).

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