

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 N

um: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

RTEC

S #: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
RTE
CS #: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.INHA

L:DROWSINESS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING LIVER,KIDNEY AND NERVIIOUS 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 FRES H AIR.GIVE OXYGEN OR ARTIFICIAL RESP IRATION 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/Explosi

on 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.

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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.

Ventil

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

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