

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

===== Product Identification =====

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

===== Composition/Information on Ingredients =====

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.

=====
First Aid Measures
=====

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.

=====
Fire Fighting Measures
=====

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.

=====
Accidental Release Measures
=====

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
=====

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.

=====
Exposure Controls/Personal Protection
=====

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).

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advi

ce to verify and
assume responsibility for the suitability of this information to their
particular situation.