

DOW CORNING CORPORATION -- 1205 PRIME COAT -- 8040-01-381-1968

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Product Identification
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Product ID:1205 PRIME COAT

MSDS Date:11/21/1996

FSC:8040

NIIN:01-381-1968

Status Code:A

MSDS Number: CJDML

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:SOUTH SAGINAW ROAD

City:MIDLAND

State:MI

ZIP:48686

Country:US

Emergency Phone Num:517-496-5900

CAGE:71984

=== Contractor Id

entification ===

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

Company Name:NAVY ENVIRONMENTAL HEALTH CENTER

Address:2510 WALMER AVENUE

Box:City:NORFOLK

State:VA

ZIP:23513-2617

Country:US

Phone:804-444-4657, DSN 564-4657 X 272

CAGE:SO010

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Composition/Information on Ingredients
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Ingred Name:TOLUENE

CAS:108-88-3

RTECS #:XS5250000

= Wt:40.

OSHA PEL:see Table Z-2

ACGIH TLV:188 MG/M3;5

0 PPM
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:2-PROPANOL, 1-METHOXY- (PROPYLENE GLYCOL METHYL ETHER)
CAS:107-98-2
RTECS #:UB7700000
= Wt:39.
ACGIH TLV:369 MG/M3;100 PPM
ACGIH STEL:553 MG/M3;150 PPM

Ingred Name:GLYCOL MONOBUTYL ETHER ACETATE (BUTYL GLYCOL ACETATE)
CAS:112-07-2
RTECS #:KJ8925000
= Wt:15.

Ingred Name:BISPHENOL A-BISPHENOL A DIGLYCIDYL ETHER POLYMER (EPOXY
RESIN)
CAS:25036-25-3
= Wt:4.

Ingred Name:2-METHOXYPROPANOL
CAS:1589-47-5
= Wt:1.

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Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: DIRECT CONT IRRITATES. MAY BE
SERIOUS W/REDNESS, SWELLING & SOME CORNEAL INJURY LASTING SEVERAL
DAYS TO A WEEK. SKIN: SINGLE RELATIVELY SHORT EXPOS (LESS THAN 24
HRS) IRRITATES. RPTD PRLNGD CONT (24 TO 48 HRS) IRRITATES
SERIOUSLY, MAYBURN MILDLY. OVEREXP MAY INJURE INTERNALLY IF
ABSO
RBED. ALSO SEE COMMENT. INHAL: SHORT VAP EXPOS MAY CAUSE DROW &
IRRIT NOSE & THROAT. DEGREE OF EFTS DEPENDS ON CONC & LENGTH OF
EXPOS. VAPS MAY INJURE BLOOD, LUNGS, KIDNEYS, EYES & NERVOUS SYS.
DEGREE OF INJURY WILL DEPEND ON CONC & DURATION OF EXPOS. INGEST:
SMALL AMTS TRANS TO MOUTH BY FINGERS DURING USE, ET C, (EFTS OF
OVEREXP)
Effects of Overexposure:HLTH HAZ: SHOULD NOT INJURE. SWALLOWING LARGE
AMTS MAY INJURE SERIOUSLY. INHAL LIQ WHILE VOMIT CAN INJURE LUNGS
SE

RIOUSLY. COMMENT: PRLNGD SKIN CONT WITH VERY LARGE AMTS OF
PROPYLENE GLYCOL METHYL ETHER MAY CAUSE DROW. CHRONIC: TOLUENE
APPEARS ON THE NAVY LIST OF OCCUP CHEM REPRO HAZS. SEEK
CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATEST HAZ
LIST INFO & SAFE HNDLG & EXPOS INFO . ANIMAL STUDIES HAVE CLEARLY
SHOWN DOSE-RELATED EFTS ON THE CNS, HEMOTOPOIETICTISS, BLOOD,
KIDNEYS & LIVER ASSOC W/ADMIN OF ETHYLENE GLYCOL MONOBUTYL ETHER
ACETATE (EGBEA). EXTRACTED FROM (

SUPDAT)
Medical Cond Aggravated by Exposure:OVEREXPOSURE TO ANY CHEMICAL MAY
RESULT IN ENHANCEMENT OF PRE-EXISTING ADVERSE MEDICAL CONDITIONS
AND ALLERGIC REACTIONS.

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

First Aid:EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
GET MEDICAL ATTENTION. SKIN: WIPE OFF AND FLUSH WITH WATER FOR 15
MINUTES. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS. INHALATION:
REMOVE TO FRESH AIR. GET MEDICAL ATTENT
ION IF ILL EFFECTS PERSIST.
INGESTION: GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING. COMMENT:
IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF
LIQUID INTO LUNGS.

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

Flash Point Method:CC

Flash Point:=-5.C, 41.F

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT .

Unusu

al Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND CAN
TRAVEL ALONG THE GROUND TO REMOTE IGNITION SOURCES. STATIC
ELECTRICITY MAY ACCUMULATE AND IGNITE VAPORS. PREVENT A POSSIBLE
FIRE HAZARD BY SUITABLE MEANS, SUCH AS, BONDING AND GROUNDING,
INERT GAS PURGE,VAPOR DILUTION AND THE LIKE.

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

Spill Release Procedures:USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN
FOR SALVAGE OR DISPOSAL. REMOVE ALL SOURCES O

F IGNITION AND WEAR
PROPER PROTECTION EQUIPMENT.

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Handling and Storage
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Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED RESPIRATORY PROTECTION UNLESS
LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOWS
EXPOSURES ARE WITHIN TLV AND PEL GUIDELINES.

Ve

ntilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING
ANSI DESIGN CRITERIA .

Work Hygienic Practices:WASHING AT MEALTIME AND END OF SHIFT IS
ADEQUATE. IF A SPLASH OCCURS, CHANGE CONTAMINATED CLOTHING AS SOON
AS POSSIBLE AND THOROUGHLY FLUSH AFFECTED AREAS WITH COOL WATER.

Supplemental Safety and Health

EFTS OF OVEREXP: DHHS (NI

OSH) PUB NO 90-118 . TOXICOLOGICAL STUDIES

WITH LAB ANIMALS & OCCUP EXPOS EVALS W/HUMANS HAVE FOUND LIMITED
EVID OF BIRTH DEFECTS, LOW BIRTH WEIGHTS & DELAYED GROWTH OF
OFFSPRING RSLTG FROM RPTD EXPOS TO TOLUENE DURING PREGNACY. ABOVE
LISTED POTNTL EFTS OF OVEREXP ARE BASED (OTHER INFO).

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Physical/Chemical Properties
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HCC:F3

Boiling Pt:B.P. Text:NOT DETERMINED

Vapor Pres:NOT DETERMINED

Vapor Density:>1 (AIR=1)

Spec Gravity:0.9 @ 77F/25C

Ev

aporation Rate & Reference:NOT DETERMINED

Solubility in Water:NOT DETERMINED

Appearance and Odor:SOLVENT ODOR, LIQUID, WATER WHITE TO LIGHT STRAW.

Percent Volatiles by Volume:95 BY WEIGHT

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Stability Condition to Avoid:EXPOSURE TO AIR UNTIL READY TO USE.

Hazardous Decomposition Products:SILICON DIOXIDE, CARBON DIOXIDE AND
TRACES OF INCOMP

LETELY BURNED CARBON PRODUCTS, INCLUDES
FORMALDEHYDE.

===== Toxicological Information =====

Toxicological Information: TOXICOLOGY STUDIES WITH LABORATORY ANIMALS AND OCCUPATIONAL EXPOSURE EVALUATIONS WITH HUMANS HAVE FOUND LIMITED EVIDENCE OF BIRTH DEFECTS, LOW BIRTH WEIGHT AND DELAYED GROWTH OF OFFSPRING RESULTING FROM REPEATED EXPOSURE TO TOLUENE DURING PREGNANCY.

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

Waste Disposal Methods: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL QUESTIONS.

===== MSDS Transport Information =====

Transport Information: SEE FEDERAL REGULATIONS.

===== Regulatory Information =====

Federal Regulatory Information: DOT (49 CFR 171.8)/EPA (40 CFR 117)
SPILL REPORTING INFO HAZ SUBSTANCE: SEE BELOW. RQ: SEE BELOW. CONC OF HAZ SUBSTANCE: SEE WT % BELOW. RQ OF PROD: SEE BELOW. COMMENTS: DOT & EPA - CERCLA/SARA ENVIRONMENTAL RELS REPORTING REGS CURRENTLY APPLICABLE TO PROD INGRED SHOWN BELOW. INGRED: TOLUENE. CAS NO: 108-88-3. RQ: 1,000 LBS. WT %: 40. RQ OF PROD: 2,500 LBS. PROD IS OIL IN CONTEXT OF U.S. CLEAN WATER ACT. SPILLS TO U.S. SURFACE WATERS OR TO A WATER COURSE OR SEWER LEADING TO U.S. SURFACE WATERS THAT CAUSE VI
SIBLE SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER.

===== Other Information =====

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