DOW CORNING CORP -- Z-6020 SILANE -- 8030-00N015472

Product ID: Z-6020 SILANE
MSDS Date: 02/23/1988
FSC: 8030
NIIN: 00N015472
MSDS Number: BKQGN

Responsible Party

Company Name: DOW CORNING CORP
Address: SOUTH SAGINAW ROAD
City: MIDLAND
State: MI
ZIP: 48606
Country: US
Info Phone Num: 517-496-6000
Emergency Phone Num: 517-496-5900
Preparer's Name: JACK L SHENEBERGER
CAGE: 5D028

Contractor Identification

Company Name: DOW CORNING CORP
Address: 3901 S SAGINAW RD
Box: 997
City: MIDLAND
State: MI
ZIP: 48606-0997
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

Ingredient: ETHYLENEDIAMINE (SARA III)
CAS: 107-15-3
RTECS #: KH8575000
Fraction by Wt: <1%
Other REC Limits: NONE SPECIFIED
OSHA PEL: 10 PPM
ACGIH TLV: S, 10 PPM; 9192
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Ingredient: ETHYLENAMINE, N-(3-(TRIMETHOXYMETHYL)PROPYL)- (AMINOETHYL AMINOPROPYL TRIMETHOXYMETHYLSILANE). LIMITS GIVEN BY MFR (SEE ING 2)
CAS: 1760-24-3
RTECS #: KV7400000
Fraction by Wt: >99%
OSHA PEL: 200PPM; 250PPM STEL, S
ACGIH TLV: 200PPM; 250PPM STEL, S

Ingredient: Methyl Alcohol, Formed On Exposure To Water Or Humid Air.
RTECS #: 999999992Z

Hazards Identification

LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
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 MAY BURN EYES, IRRIT
SEV/PERM INJURE DEPENDING ON EXPOS. SKIN: A SINGLE RELATIVELY SHORT
EXPOS (LESS THAN 24 HRS) IRRT. RPTD/PRLNGD CONT (24 TO 48 HRS)
IRRIT SERIOUSLY, MAY BURN MILD LP. OVEREXP MAY INJURE INTERNALLY IF
ABSORBED. RPTD CONT MAY CAUSE ALLER SKIN SENSIT. INHAL: VAFS (SEE
EPTS OF OVEREXP)
Explanation of Carcinogenicity: NOT RELEVANT
Effects of Overexposure: HLTH HAZ: MAY IRRIT NOSE & THROAT SERIOUSLY &
MAY CAUSE DROW, NERV SYS DEPRESS, & UNCON. DEGREE OF INJURY WILL
DEPEND ON CONC & DURATION OF EXPOS. HIGH CONC FOR RPTD PRNLNG EXPOS
MAY CAUSE ALLERGIC SE NST. ORAL: SW AMTS MAY CAUSE BLINDNESS, EVEN
DEATH. COMMENTS: ETHYLENE DIAMINE MAY BE BOTH SKIN & RESP (SEE SUPP
DATA)
Medical Cond Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

-------------------- First Aid Measures --------------------

First Aid: EYES: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
GET MD IMMED. SKIN: IMMEDIATELY WIPE OFF AND FLUSH WITH WATER FOR
15 MINUTES. GET MED ATTN IF ILL EFFECTS DEVELOP. INHAL: REMOVE TO
FRESH AIR. GET MED ATTN IF ILL EFTS PERSIST. ORAL: GET IMMED MED
ATTN. COMMENT: TREAT AS CAUSTIC BURN.

-------------------- Fire Fighting Measures --------------------

Flash Point Method: CC
Flash Point: 120F, 49C
Extinguishing Media: WATER FOG, CO*2, DRY CHEMICAL, FOAM, OTHER.
Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL
PROTECTIVE EQUIPMENT.
Unusual Fire/Explosion Hazard: HAZARDOUS NO*X FORM.

-------------------- Accidental Release Measures --------------------

Spill Release Procedures: USE ABSORBENT MATERIAL TO COLLECT AND CONTAIN
FOR SALVAGE OR DISPOSAL. REMOVE ALL SOURCES OF IGNITION AND WEAR
PROPER PROTECTIVE EQUIPMENT.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

-------------------- Handling and Storage --------------------

Handling and Storage Precautions: KEEP CONTAINER CLOSED AND AWAY FROM
WATER, HEAT, SPARKS, AND OPEN FLAME.
Other Precautions: STATIC ELEC MAY ACCUMULATE AND CREATE A FIRE HAZARD.
GROUND FIXED EQUIP. BOND & GROUND TRANSFER CONTAINERS & EQUIP. PROD
EVOLVES METHANOL WHEN EXPSD TO WATER/HUMID AIR. PROVIDE VENT DURING
USE/USE NIO SH/MSHA APPRVD AIR-SUPPLIED (SUPP DATA)

-------------------- Exposure Controls/Personal Protection --------------------

Respiratory Protection: NIOSH/MSHA APPROVED AIR-SUPPLIED OR
SELF-CONTAINED RESPIRATOR UNLESS LOCAL EXHAUST VENT IS ADEQ OR AIR
SAMPLING DATA EXPOSURES ARE WITHIN TLV & PEL GUIDELINES.
Ventilation: LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL):
RECOMMENDED.
Protective Gloves: RUBBER OR PLASTIC GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES. (SEE SUPP DATA)
Other Protective Equipment: IMPERVIOUS PROTECTIVE CLOTHING: APRONS,
BOOTS, ETC.
Work Hygienic Practices: WASH IMMEDIATELY UPON ANY DETECTABLE CONTACT.
SupPLEMENTAL SAFETY AND HEALTH
EPTS OF OVEREXP: SENSITIZER TO SUSCEPTIBLE INDIV. OTHER PREC: OR SCBA.
REMOVE GROSS AMT OF ANY CHEM FROM SKIN AS SOON AS PRACTICAL,
ESPECIALLY BEFORE EATING/SMOKING. AVOID BREATHING VAPORS & EYE & SKIN
CONTACT. USE ONLY W/ADEQUATE VENT. DO NOT TAKE INTERNALLY. EYE
PROT: MAY ADD FULL LENGTH FACE SHIELD TO GOGG.

------------------ Physical/Chemical Properties ------------------

HCC: V4
Boiling Pt: B.P. Text: >300F, >149C
Vapor Pres: <5
Spec Gravity: 1.02
Evaporation Rate & Reference: LESS THAN 1 (ETHER = 1)
Solubility in Water: REACTS
Appearance and Odor: AMINE ODOR, LIQUID, STRAW COLORED.

------------------ Stability and Reactivity Data ------------------

Stability Indicator/Materials to Avoid: YES
OXIDIZING MATERIAL CAN CAUSE A REACTION.
Stability Condition to Avoid: REACTS WITH WATER, ACIDS, ETC., LIBERATING
METHANOL. AVOID EXPOSURE UNTIL READY TO USE.
Hazardous Decomposition Products: NO*X, SIO*2, CO*2, AND TRACES OF
INCOMpletely BURNED CARBON PRODUCTS.

------------------ Disposal Considerations ------------------

Waste Disposal Methods: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE, &
FEDERAL REGS CONCERNING HLTH & POLLUTION BE REVIEWED TO DETERMINE
APPROVED DISP PROC. CONTACT DOW CORNING IF THERE ARE ANY DISP
QUESTIONS.

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