

DOW CORNING -- 100% SILICONE SEALANT CLEAR 8641
MATERIAL SAFETY DATA SHEET
NSN: 803000N015488
Manufacturer's CAGE: 71984
Part No. Indicator: A
Part Number/Trade Name: 100% SILICONE SEALANT CLEAR 8641

271/0500
A02/210

General Information

Company's Name: DOW CORNING CORP
Company's Street: SOUTH SAGINAW RD
Company's City: MIDLAND
Company's State: MI
Company's Country: US
Company's Zip Code: 48686
Company's Emerg Ph #: 517-496-5900
Company's Info Ph #: 517-496-6000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 25MAY90
Safety Data Review Date: 23MAY95
MSDS Preparer's Name: JACK L. SHENEBERGER
Preparer's Company: SAME
MSDS Serial Number: BKQHH
Hazard Characteristic Code: N1

RECEIVED
SEP 30 1997
RISK MANAGEMENT
SCHOOL DISTRICT

Ingredients/Identity Information

Proprietary: NO
Ingredient: SILANE, METHYLTRIACETOXY (METHYLTRIACETOXYSILANE). (PEL/TLV FOR ACETIC ACID FORMED/CURING OR EXPOS TO WATER/HUMID AIR.
Ingredient Sequence Number: 01
Percent: 2
NIOSH (RTECS) Number: VV4500000
CAS Number: 4253-34-3
OSHA PEL: 10 PPM;15 PPM STEL
ACGIH TLV: 10 PPM;15 PPM STEL

Proprietary: NO
Ingredient: ETHYLTRIACETOXYSILANE. (PEL/TLV FOR ACETIC ACID FORMED/CURING OR EXPOS TO WATER/HUMID AIR.
Ingredient Sequence Number: 02
Percent: 2
NIOSH (RTECS) Number: 1001891ES
CAS Number: 17689-77-9
OSHA PEL: 10 PPM;15 PPM STEL
ACGIH TLV: 10 PPM;15 PPM STEL

Proprietary: NO
Ingredient: SILICA GEL (SILICA, AMORPHOUS)
Ingredient Sequence Number: 03
Percent: 8
NIOSH (RTECS) Number: VV7310000
CAS Number: 112945-52-5
OSHA PEL: 6 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST

Physical/Chemical Characteristics

Appearance And Odor: ACETIC ACID-LIKE ODOR, PASTE, CLEAR.
Boiling Point: N/A
Melting Point: N/A

Vapor Pressure (MM Hg/70 F): <5
Vapor Density (Air=1): N/A
Specific Gravity: 1.04
Evaporation Rate And Ref: NOT APPLICABLE
Solubility In Water: <0.1
Percent Volatiles By Volume: SUPDAT

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Fire and Explosion Hazard Data
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Flash Point: 250
Flash Point Method: OC
Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT (FP N) IN FIGHTING FIRES INVOLVING CHEMICALS.
Unusual Fire And Expl Hazrds: NONE.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): EXPOSURE TO WATER OR HUMID AIR.
Materials To Avoid: OXIDIZING MATERIAL CAN CAUSE A REACTION. WATER OR
HUMID AIR CAUSES CURING AND ACETIC ACID VAPORS FORM.
Hazardous Decomp Products: SILICON DIOXIDE, CO*2, & TRACES OF INCOMPLETELY
BURNED CARBON PRODUCTS.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT

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Health Hazard Data
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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYE:DIRECT CNTCT IRRITS SLIGHTLY-MODERATELY
W/REDNESS, SWELLING. SKIN:SINGLE SHORT EXPOS (<24 HRS) MAY IRRIT. RPTD/
PRLNGD CNTCT (24-48 HRS) MAY IRRIT MODERATELY. INHAL:VAPOR OVEREXPOS MAY
IRRIT EYES, NOSE, THROAT. INGEST:SML AMTS TRANSFERRED TO MOUTH BY FINGERS
DURING USE, ETC., SHOULD NOT INJURE. (SEE EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE.
Signs/Symptoms Of Overexp: HLTH HAZ:SWALLOWING LG AMTS MAY CAUSE DIGEST
DISCOMFORT. NO KNOWN ADVERSE CHRONIC HLTH EFTS BUT UNNEC EXPOS TO CHEM
SHOULD BE AVOIDED. PROD MAY ENHANCE ALLERGIC CONDS ON CERTAIN PEOPLE. NO
INJURY FROM SILICA DUST SHOULD OCCUR DURING REASONABLE USE. IF USE CREATES
RESPIRABLE PARTICLES, SOME RESP SYS INJURY MAY OCCUR.
Med Cond Aggravated By Exp: NONE KNOWN.
Emergency/First Aid Proc: EYES:IMMED FLUSH W/WATER FOR AT LEAST 15
MINUTES. GET MD. SKIN:WIPE OFF & FLUSH W/WATER. GET MD IF IRRIT DEVELOPS.
INHAL:REMOVE TO FRESH AIR. INGEST:NO FIRST AID SHOULD BE NEEDED.

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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: REMOVE PROD & CONTAIN FOR SALVAGE/DISPOSAL.
USE PROPER PROT:SAFETY GLASSES, NIOSH/MSHA APPRVD RESP PROT. REMOVE CONTAMD
CLTHG & CLEAN THORO BEFORE REUSE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: DOW CORNING SUGGESTS THAT ALL LOCAL, STATE &
FEDERAL REGULATIONS CONCERNING HEALTH & POLLUTION BE REVIEWED TO DETERMINE
APPROVED DISPOSAL PROCEDURES. CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL
QUESTIONS.
Precautions-Handling/Storing: STORE BELOW 90F. USE REASONABLE CARE &

CAUTION. KEEP CNTNR CLOSED. AVOID BRTHG VAPS & EYE/SKIN CNTCT. USE ONLY W/ ADEQ VENT. DO NOT TAKE INTERNALLY.

Other Precautions: PRODUCT FORMS ACETIC ACID (HOAC) WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION DURING USE TO CONTROL HOAC EXPOSURE WITHIN TLV/PEL LIMITS OR USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION.

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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION (ACID GAS/ORGANIC VAPOR TYPE) UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOWS EXPOSURES ARE WITHIN TLV/PEL GUIDELINES.

Ventilation: LOCAL EXHAUST MAY BE NEEDED. MECHANICAL (GENERAL) RECOMMENDED.

Protective Gloves: NONE SPECIFIED BY MANUFACTURER.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: WASH AT MEALTIME/END OF SHIFT. REMOVE CONTAMD CLTHG/SHOES & CLEAN THORO BEFORE REUSE. WASH BEFORE EATING OR SMOKING.

Suppl. Safety & Health Data: % VOLAT:<5% (WT).

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Transportation Data
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Trans Data Review Date: 91270

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

AFI PSN Code: ZZZ

AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

Additional Trans Data: NOT REGULATED FOR TRANSPORTATION

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Disposal Data
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Label Data
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Label Required: YES

Technical Review Date: 23MAY91

Label Date: 23MAY91

Label Status: G

Common Name: 100% SILICONE SEALANT CLEAR 8641

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Slight: X

Contact Hazard-Moderate: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

Special Hazard Precautions: ACUTE:CAUSES EYE AND SKIN IRRITATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. MAY CAUSE RESPIRATORY TRACT IRRITATION. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. COMBUSTIBLE. KEEP AWAY FROM HEAT AND FLAME. CHRONIC:CANCER HAZARD. CONTAINS A CARCINOGEN.

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: DOW CORNING CORP

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Label City: MIDLAND

Label State: MI

Label Zip Code: 48686

Label Country: US

Label Emergency Number: 517-496-5900

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