

OSU COLLEGE OF BIOLOGICAL SCIENCES MSDS FILE

DOW CORNING -- 100% SILICONE SEALANT, CLEAR, 8641 - SILICONE SEALANT
MATERIAL SAFETY DATA SHEET

FSC: 8030

NIIN: 00F023474

Manufacturer's CAGE: 5D028

Part No. Indicator: A

Part Number/Trade Name: 100% SILICONE SEALANT, CLEAR, 8641

General Information

Item Name: SILICONE SEALANT

Company's Name: DOW CORNING CORPORATION

Company's Street: 3901 SOUTH SAGINAW ROAD

Company's City: MIDLAND

Company's State: MI

Company's Country: US

Company's Zip Code: 48686-5601

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: SE

Date MSDS Prepared: 25MAY90

Safety Data Review Date: 16JUN92

Preparer's Company: DOW CORNING CORP

Preparer's St Or P. O. Box: 2200 W SALZBURG RD

Preparer's City: MIDLAND

Preparer's State: MI

Preparer's Zip Code: 48686-0997

MSDS Serial Number: BNHSS

Ingredients/Identity Information

Proprietary: NO

Ingredient: METHYLTRIAACETOXYSILANE, ALKYL TRIACETOXY SILANE

Ingredient Sequence Number: 01

Percent: 2%

NIOSH (RTECS) Number: VV4500000

CAS Number: 4253-34-3

Proprietary: NO

Ingredient: ETHYLTRIAACETOXYSILANE *92-2*

Ingredient Sequence Number: 02

Percent: 2%

NIOSH (RTECS) Number: 1001891ES

CAS Number: 17689-77-9

Proprietary: NO

Ingredient: SILICON DIOXIDE

Ingredient Sequence Number: 03

Percent: 8%

NIOSH (RTECS) Number: VV3100000

CAS Number: 7631-86-9
OSHA PEL: 80 MG/CUM
ACGIH TLV: 0.2 MG/CUM

Physical/Chemical Characteristics

Appearance And Odor: CLEAR PASTE W/ACETIC ACID-LIKE ODOR
Vapor Pressure (MM Hg/70 F): <5
Specific Gravity: 1.04
Solubility In Water: <0.1%
Percent Volatiles By Volume: <5%/WT

Fire and Explosion Hazard Data

Flash Point: >250F
Flash Point Method: OC
Extinguishing Media: WATER FOG, CO2, DRY CHEMICAL, OR FOAM
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): WATER OR HUMID AIR
Materials To Avoid: OXIDIZING MATERIAL
Hazardous Decomp Products: CURING & ACETIC ACID VAPORS FORM. SILICON DIOXIDE, CO2, & TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.
Hazardous Poly Occur: NO

Health Hazard Data

Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
IRRITATION. INGESTION: DIGESTIVE DISCOMFORT. INHALATION: NOSE & THROAT IRRITATION, ALLERGIC CONDITIONS, & RESPIRATORY SYSTEM INJURY.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
IRRITATION. INHALATION: NOSE & THROAT IRRITATION, ENHANCE ALLERGIC CONDITIONS, & RESPIRATORY SYSTEM INJURY.
Emergency/First Aid Proc: EYES/SKIN: FLUSH W/WATER FOR 15 MINS.
INHALATION: REMOVE TO FRESH AIR. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: REMOVE & CONTAIN PRODUCT FOR SALVAGE OR DISPOSAL.
Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS CONCERNING HEALTH & POLLUTION.
Precautions-Handling/Storing: STORE <90F. KEEP CONTAINER CLOSED. USE AT ELEVATED TEMPERATURES OR AEROSOL/SPARY APPLICATIONS MAY REQUIRE ADDED

PRECAUTIONS.

Other Precautions: AVOID BREATHING VAPORS, EYE & SKIN CONTACT. USE ONLY W/ ADEQUATE VENTILATION. DON'T TAKE INTERNALLY.

Control Measures

Respiratory Protection: REQUIRED UNLESS VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOWS EXPOSURES WITHIN TLV/PEL GUIDELINES. SUITABLE RESPIRATOR: ACID GAS/ORGANIC VAPOR TYPE. RECOMMENDED.

Protective Gloves: AS REQUIRED

Eye Protection: SFETY GLASSES

Work Hygienic Practices: REMOVE/WASH CONTAMINATED CLOTHING & SHOES BEFORE REUSE. WASH SKIN BEFORE EATING OR SMOKING.

Transportation Data

Disposal Data

Label Data

Label Required: YES

Technical Review Date: 16JUN92

Label Date: 20MAY92

Label Status: F

Common Name: 100% SILICONE SEALANT, CLEAR, 8641

Chronic Hazard: NO

Signal Word: CAUTION!

Acute Health Hazard-Slight: X

Contact Hazard-Slight: X

Fire Hazard-Slight: X

Reactivity Hazard-None: X

IRRITATION. INGESTION: DIGESTIVE DISCOMFORT. INHALATION: NOSE & THROAT IRRITATION, ALLERGIC CONDITIONS, & RESPIRATORY SYSTEM INJURY. CHRONIC: CNS DEPRESSION FROM EXCESSIVE INHALATION. CHEMICAL PNEUMONITIS IF ASPIRATED INTO LUNGS. OVEREXPOSURE HAS APPARENTLY BEEN FOUND TO CAUSE ANEMI

Protect Eye: Y

Protect Skin: Y

Protect Respiratory: Y

Label Name: DOW CORNING CORPORATION

Label Street: 3901 SOUTH SAGINAW ROAD

Label City: MIDLAND

Label State: MI

Label Zip Code: 48686-5601

Label Country: US

Label Emergency Number: (517) 496-5900

Year Procured: UNK

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