DOW CORNING CORP -- ADHESIVE/SEALANT-GRAY, 3145 RTV -- 5970-01-157-9469

Product ID: ADHESIVE/SEALANT-GRAY, 3145 RTV
MSDS Date: 04/16/1998
FSC: 5970
NIN: 01-157-9469
Status Code: A
MSDS Number: CHXBM

=== Responsible Party ===
Company Name: DOW CORNING CORP
Address: 3901 SOUTH SAGINAW ROAD
Box: 997
City: MIDLAND
State: MI
ZIP: 48646
Country: US
Info Phone Num: 517-496-6000
Emergency Phone Num: 517-496-5900/800-424-9300 (CHEMTREC)
CAGE: 5D028

=== Contractor Identification ===
Company Name: DOW CORNING CORP
Address: 2200 W SALZBURG RD
Box: City: AUBURN
State: MI
ZIP: 48611
Country: US
Phone: 517-496-4386
CAGE: 71984

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Composition/Information on Ingredients ---

Ingred Name: METHYLTRIMETHOXYSILANE
CAS: 1185-55-3
RTECS #: VV4650000
Fraction by Wt: 7 - 13%
Other REC Limits: 50 PPM (DOW)

Ingred Name: TITANIUM DIOXIDE
CAS: 13463-67-7
RTECS #: XR2275000
Fraction by Wt: 1 - 5%
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 15 MG/M3 TDUSt
ACGIH TLV: 10 MG/M3 TDUST; 9596

Ingred Name: TRIMETHYLATED SILICA/HEXAMETHYLDISILAXANE, SILICA REACTION PRODUCT
CAS: 68909-20-6
Fraction by Wt: 15 - 40%
Other REC Limits: 5 MG/M3 C DUST (DOW)

Ingred Name: DIMETHYL SILOXANE, HYDROXY-TERMINATED/POLYDIMETHYLSILOXANE
CAS: 70131-67-8
Fraction by Wt: >40%
Other REC Limits: NONE RECOMMENDED
Hazard Identification

LD50 LC50 Mixture: LD50 (ORAL, RAT) IS NOT KNOWN.
Routes of Entry: Inhalation: NO  Skin: NO  Ingestion: NO
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO
Health Hazards Acute and Chronic: TARGET ORGANS: EYE, SKIN, CNS, RESPIRATORY & GI TRACTS. ACUTE- EYE: MAY CAUSE MILD IRRITATION. SKIN: MAY IRRITATE WITH REPEATED CONTACT. INHALE: MAY CAUSE RESPIRATORY IRRITATION & CNS EFFECTS. ORAL: SIMILAR TO CHRONIC. CHRONIC- INHALE/ORAL: PRODUCT GENERATES METHANOL WHICH MAY CAUSE BLINDNESS, CNS DAMAGE, DEATH.
Explanation of Carcinogenicity: NONE
Effects of Overexposure: SLIGHT EYE IRRITATION, DISCOMFORT, TEARING, REDNESS, DROWSINESS, BLINDNESS, DEATH

First Aid Measures

First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: NO FIRST AID SHOULD BE NEEDED. INHALED: MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL: IF CONSCIOUS, INDUCE VOMITING. CALL PHYSICIAN/POISON CONTROL CENTER AT ONCE. LIE DOWN. KEEP WARM & COVER EYES TO EXCLUDE LIGHT. TREAT SAME AS METHYL ALCOHOL POISONING.

Fire Fighting Measures

Flash Point: NONE
Lower Limits: NOT RELEVANT
Upper Limits: NOT RELEVANT
Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.
Fire Fighting Procedures: DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: NONE

Accidental Release Measures

Spill Release Procedures: WEAR PROPER PROTECTIVE EQUIPMENT. SCOOP UP EXCESS PASTE. WASH DOWN WITH RAGS, PICK-UP RESIDUE WITH ABSORBENT MATERIAL SUCH AS SAND. SWEET UP AND TRANSFER TO A CONTAINER FOR PROPER DISPOSAL OR SALVAGE. KEEP CLEAR OF CHILDREN.
Neutralizing Agent: NOT RELEVANT

Handling and Storage

Handling and Storage Precautions: STORE IN DRY PLACE, AWAY FROM STRONG OXIDIZING AGENTS AND WATER OR MOISTURE. KEEP OUT OF REACH OF CHILDREN.
Other Precautions: AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING. DO NOT TAKE INTERNALLY (FORMS METHYL ALCOHOL WHICH IS TOXIC).

Exposure Controls/Personal Protection

Respiratory Protection: IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR MUST BE WORN.
Ventilation: ADEQUATE
Protective Gloves: WASH AT MEAL TIME AND END OF SHIFT.
Eye Protection: SAFETY GLASSES AS A MINIMUM
Other Protective Equipment: EYE BATH, WASHING FACILITIES
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.
Supplemental Safety and Health
================== Physical/Chemical Properties ==================

HCC:T6
NRC/State Lic Num: NOT RELEVANT
Spec Gravity: 1.12
Appearance and Odor: GRAY PASTE - SLIGHT ODOR

================== Stability and Reactivity Data ===================

Stability Indicator/Materials to Avoid: YES
STRONG OXIDIZING AGENTS, WATER
Stability Condition to Avoid: MOISTURE/HUMID AIR
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
FORMALDEHYDE, INCOMPLETELY BURNED CARBON COMPOUND, SILICON DIOXIDE

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

Waste Disposal Methods: DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY
IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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NATIONAL REFRACTORIES & MINERALS -- MILL MORTAR; PATCHING MORTAR --
8030-00F013646

Product ID: MILL MORTAR; PATCHING MORTAR
MSDS Date: 06/23/1989
FSC: 8030
NIIN: 00F013646
MSDS Number: BJSQG

Responsible Party

Company Name: NATIONAL REFRACTORIES & MINERALS
Address: 41738 ESTERYL DR
Box: 47
City: COLUMBIANA
State: OH
ZIP: 44409-9448
Info Phone Num: (216) 482-3841
Emergency Phone Num: (216) 482-3841
CAGE: 4H756

Contractor Identification

Company Name: NATIONAL REFRACTORIES AND MINERALS CORP
Address: 41738 ESTERYL DR
Box: 47
City: COLUMBIANA
State: OH
ZIP: 44409-9448
Country: US
Phone: 216-482-3841/415-462-1147
CAGE: 4H756

Composition/Information on Ingredients

Ingred Name: SILICA, CRystalline - Cristobalite
CAS: 14464-46-1
RTECS #: VV7325000
Fraction by Wt: <10%
Other REC Limits: 0.05 MG/CUM NIOSH
OSHA PEL: SEE TABLE 23
ACGIH TLV: 0.05 MG/M3 R Dust 9293

Ingred Name: SILICA, CRystalline - Quartz
CAS: 14808-60-7
RTECS #: VV73300000
Fraction by Wt: <10%
Other REC Limits: 0.05 MG/CUM NIOSH
OSHA PEL: SEE TABLE 23
ACGIH TLV: 0.1 MG/M3 R Dust; 9293

Ingred Name: ALPHA-ALUMINA (ALUMINUM OXIDE) (EPA LISTS ONLY FIBROUS FORMS) (SARA III)
CAS: 1344-28-1
RTECS #: BDI2000000
Fraction by Wt: <5%
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 10 MG/M3 TDUST; 9293

Ingred Name: GROG
CAS: 66402-68-4
Fraction by Wt: >50%

Ingred Name: SILICATE BINDERS (SODIUM SILICATE)
CAS: 1344-09-8
Fraction by Wt: <25%
ACGIH TLV: 10 MG/CUM
Hazard Identification

LD50 LC50 Mixture: ORAL RATS LD50 = 1153 MG/KG
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of Carcinogenicity: NTP: NO IARC: YES OSHA: NO
Health Hazards Acute and Chronic: INHALATION: LONG TERM EXPOSURE TO RESPIRABLE SILICA MAY PRODUCE PNEUMOCONIOSIS IN SUSCEPTIBLE PERSONS. SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION. EYES: MAY IRRITATE OR INJURE.
Explanation of Carcinogenicity: RESEARCH ON CANCER HAS CATEGORIZED CRYSSTALLINE SILICA AS A CLASS 2A CARCINOGEN.
Effects of Overexposure: INHALATION: LONG TERM EXPOSURE TO RESPIRABLE SILICA MAY PRODUCE PNEUMOCONIOSIS IN SUSCEPTIBLE PERSONS. SKIN: REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION. EYES: IRRITATE OR INJURE.
Medical Cond Aggravated by Exposure: RESPIRATORY CONDITIONS

First Aid Measures

First Aid: SKIN: WASH W/ SOAP & WATER. EYES: IRRIGATE IMMEDIATELY W/ COPIOUS AMOUNTS OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. CONSULT PHYSICIAN IF NECESSARY.

Accidental Release Measures

Spill Release Procedures: USE DUST FREE METHODS OF CLEANUPS.

Handling and Storage

Handling and Storage Precautions: TOXIC RISK MAY BE ALTERED BY CHEMICAL OR PHYSICAL CHANGES CAUSED BY CONDITIONS OF USE. THIS PRODUCT IS A GRANULAR REFRACTORY MIX.

Exposure Controls/Personal Protection

Respiratory Protection: USE AN APPROVED RESPIRATOR IF DUST IS CREATED DURING HANDLING, INSTALLATION OR TEAROUT.
Ventilation: LOCAL EXHAUST RECOMMENDED TO KEEP <25%
Appearance and Odor: GRANULAR, WET; GREY

Stability and Reactivity Data

Stability Indicator/Materials to Avoid: YES

Disposal Considerations

Waste Disposal Methods: FINAL USED PRODUCT SHOULD BE TESTED TO DETERMINE HAZARD STATUS & DISPOSED IN ACCORDANCE W/FEDERAL, STATE & LOCAL LAWS & REGULATIONS.

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