

DOW CORNING CORPORATION -- DOW CORNING 3145 RTV MIL-A-46146 ADHESIVE/SEALANT - CLEAR -- 5970-01-082-9128

===== Product Identification =====

Product ID:DOW CORNING 3145 RTV MIL-A-46146 ADHESIVE/SEALANT - CLEAR

MSDS Date:03/26/1997

FSC:5970

NIIN:01-082-9128

MSDS Number: CKVHJ

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:SOUTH SAGINAW ROAD

City:MIDLAND

State:MI

ZIP:48686

Co

untry:US

Info Phone Num:517-496-6000/517-496-5900

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:1190300

Preparer's Name:NOT PROVIDED

Chemtec Ind/Phone:(800)424-9300

CAGE:71984

=== Contractor Identification ===

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:MCKEOWN ROBERT CO. INC.

Address:111 CHAMBERS BROOK RD.

Box:City:SOMERVILLE

State:NJ

ZIP:08876

Country:US

Phone:908-218-9000

Cont

Contract Num:SP0430-01-M-H127
CAGE:7B953
Company Name:MCKEOWN ROBERT CO. INC.
Address:111 CHAMBERS BROOK RD.
Box:City:SOMERVILLE
State:NJ
ZIP:08876
Country:US
Phone:908-218-9000
Contract Num:SPO430-01-M-H894
CAGE:7B953

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Composition/Information on Ingredients
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Ingred Name:METHYLTRIMETHOXYSILANE
CAS:1185-55-3
RTECS #:VV4650000
= Wt:7.
Other REC Limits:50 PPM TWA (DOW)
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Ingred Name:TRIMETHYLATED SILICA
CAS:68909-20-6
= Wt:24.
Other REC Limits:5 MG/M3 CEILING-DOW
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

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Hazards Identification
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LD50 LC50 Mixture:NOT PROVIDED
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE EFFECTS: EYE: DIRECT CONTACT
IRRITATES SLIGHTLY WITH REDNESS AND SWELLING. SKIN: A SINGLE
RELATIVELY SHORT EXPOSURE CAUSES NO KNOWN ADVERSE EFFECT. SEVERAL
REPEATED OR PROLONGED EXPOSURES (24-48 HOURS) MAY IRRITATE.
E.
INHALATION: VAPOR MAY IRRITATE NOSE AND THROAT. PRODUCT GENERATES
METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS AND DAMAGE TO NERVOUS
SYSTEM. VAPOR OVEREXPOSURE MAY CAUSE DROWSINESS. ORAL: PRODUCT
GENERATES METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS AND POSSIBLY
DEATH. REPEATED EXPOSURE EFFECTS: PRODUCT GENERATES METHYL ALCOHOL
WHICH MAY CAUSE BLINDNESS AND POSSIBLY DEATH.
Explanation of Carcinogenicity:CARCINOGENS: NONE KNOWN.
Effects of Overexposure:NOT PROVIDED
Medical Co

nd Aggravated by Exposure:NOT PROVIDED

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First Aid Measures
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First Aid:EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. SKIN: NO FIRST AID SHOULD BE NEEDED. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. ORAL: GET MEDICAL ATTENTION. IF CO NSCIOUS, INDUCE VOMITING. LIE DOWN, KEEP WARM AND COVER EYES TO EXCLUDE LIGHT. COMMENTS: TREAT SAME AS METHYL ALCOHOL POISONING.

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Fire F
ighting Measures
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Flash Point Method:CC

Autoignition Temp:Autoignition Temp Text:N/D

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:CARBON DIOXIDE (CO2), WATER SPRAY, DRY CHEMICAL, FOAM. WATER CAN BE USED TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING LARGE FIRES INVOLVING CHEMICALS. DETERMINE THE NEED TO EVACUATE OR ISOLATE THE AREA ACCORDING TO YOUR LOC

AL EMERGE NCY PLAN.

Unusual Fire/Explosion Hazard:NONE.

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Accidental Release Measures
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Spill Release Procedures:WIPE UP OR SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS DESCRIBED IN MSDS. LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS MAY APPLY TO RELEAS ES AND DISPOSAL OF THIS MATERIAL, AS WELL AS THOSE MATERIALS AND ITEMS EMPLOYED IN CLEANUP OF RELEASES. YOU WILL NEED TO DETERMI

NE WHICH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS ARE APPLICABLE.

Neutralizing Agent:NOT RELEVANT

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Handling and Storage
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Handling and Storage Precautions:KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE. USE WITH ADEQUATE VENTILATION. PRODUCT EVOLVES METHYL ALCOHOL WHEN EXPOSED TO WATER OR HUMID AIR.

Other Precautions:PROVIDE VENTILATION DURING USE TO CONTROL EXPOSURE WITHIN EXPOSURE GUIDELINES OR USE AIR-SUPPLIED OR

SELF-CONTAINED

BREATHING APPRATUS. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED.
AVOID EYE CONTACT. DO NOT TAKE INTERNALLY.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS.

SUITABLE RESPIRATOR: SELF-CONTAINED BREATHING APPARATUS (SCBA) OR OTHER SUPPLIED AIR RESPIRATOR.

Ventilation:LOCAL EXHAUST: RECOMMENDED. GENERAL VENTILATION: RECOMMENDED.

Protective Gloves:NO SPECIAL PROTECTION NEEDED. WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Eye Protection:USE PROPER PROTECTION - SAFETY GLASSES AS A MINIMUM.

Other Protective Equipment:NOT PROVIDED

Work Hygienic Practices:AVOID EYE CONTACT. AVOID BREATHING VAPOR. KEEP CONTAINER CLOSED. DO NOT TAKE INTER NALLY.

Supplemental Safety and Health

PRODUCT EVOLVES METHYL ALCOHOL WHEN EXPOSED TO WATER OR HUMID AIR. PROVIDE VENTILATION. THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.

===== Physical/Chemical Properties =====

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:NOT APPLICABLE.

Melt/Freeze Pt:M.P/F.P Text:NOT DETERMINED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NOT APPLICABLE.

Spec Gravity:1.12 @ 25C

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:NOT DETERMINED

Appearance and Odor:TRANSLUCENT, WHITE PASTE; SLIGHT ODOR.

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION. WATER, MOISTURE OR HUMID AIR CAN CAUSE HAZARDOUS VAPORS TO FORM.

Stability Condition to Avoid:NONE.

Hazardous Deco

Composition Products: THERMAL BREAKDOWN OF PRODUCT DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE: METAL OXIDES, CARBON OXIDES AND TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS. SILICON DIOXIDE, FORMALDEHYDE.

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

Toxicological Information: COMPLETE INFORMATION NOT YET AVAILABLE.

===== Ecological Information =====

Ecological: COMPLETE INFORMATION NOT YET AVAILABLE.

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== Disposal Considerations =====

Waste Disposal Methods: NOT CLASSIFIED AS A HAZARDOUS WASTE. FEDERAL HAZARDOUS WASTE CODE/CHARACTERISTIC WASTE (IGNITABLE/CORROSIVE/REACTIVE/TCLP): NOT APPLICABLE. STATE AND LOCAL LAWS MAY IMPOSE ADDITIONAL REGULATORY REQUIREMENTS REGARDING DISPOSAL. CALL DOW CORNING CORPORATE ENVIRONMENTAL MANAGEMENT, (517) 496-6315, IF ADDITIONAL INFORMATION IS REQUIRED.

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

Transport Information: DOT INFORMATION (49CFR 172.101): PROPER SHIPPING NAME: NOT APPLICABLE. HAZARD TECHNICAL NAME: NOT APPLICABLE. HAZARD CLASS: NOT APPLICABLE. UN/NA NUMBER: 0000. PACKING GROUP: N/A. CALL DOW CORNING TRANSPORTATION (517-496-8577) IF ADDITIONAL INFORMATION IS REQUIRED.

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

SARA Title III Information: EPA SARA TITLE III CHEMICAL LISTING: SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 304

CERCLA HAZARDOUS SUBSTANCES: NONE. SECTION 312 HAZARD CLASS: ACUTE: Y; CHRONIC: Y; FIRE: N; PRESSURE: N; REACTIVE: N. Y=YES; N=NO. SECTION 313 TOXIC CHEMICALS: NONE PRESENT OR NONE PRESENT IN REGULATED QUANTITIES.

Federal Regulatory Information: CONTENTS OF THIS MSDS COMPLY WITH THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. TSCA STATUS: ALL CHEMICAL SUBSTANCES FOUND IN THIS PRODUCT COMPLY WITH THE TOXIC SUBSTANCES CONTROL ACT INVENTORY REPORTING

REQUIREMENTS.

State Regulatory Information: CALIFORNIA: WARNING: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL(S) LISTED BY THE STATE OF CALIFORNIA UNDER THE SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS/OTHER REPRODUCTIVE HARM: NONE KNOWN. MASSACHUSETTS: NO INGREDIENT REGULATED BY MA RIGHT-TO-KNOW LAW PRESENT. NEW JERSEY: CAS# 70131-67-8, 67%, DIMETHYL SILOXANE, HYDROXY-TERMINATED; 68909-20-6, 24%, TRIMETHYLATED SILICA; 1185-55-3, 7%, METHYLTRIMETHOXYSILANE. PENNSYLVANIA : CAS# 70131-67-8, 67%, DIMETHYL SILOXANE, HYDROXY-TERMINATED; 68909-20-6, 24%, TRIMETHYLATED SILICA; 1185-55-3, 7%, METHYLTRIMETHOXYSILANE

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

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