

DOW CORNING CORP -- 3145 RTV MIL-A-46146 ADHESIVE/SEALANT-GRAY -- 8040-00-144-9774  
===== Product Identification =====

Product ID:3145 RTV MIL-A-46146 ADHESIVE/SEALANT-GRAY

MSDS Date:02/06/1995

FSC:8040

NIIN:00-144-9774

Status Code:A

MSDS Number: CJDNY

=== Responsible Party ===

Company Name:DOW CORNING CORP

Address:SOUTH SAGINAW RD

City:MIDLAND

State:MI

ZIP:48686

Country:US

Info Phone Num:517-496-6000

Emergency Phone Num:517-496-5900

Resp. Party Other MSDS Num.:1059548

Chemtrec Ind/Phone:(800)424-9300

CAGE:18873

=== 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:E.I. DUPONT DE NEMOURS & CO

Address:1007 MARKET STREET

Box:City:WILMINGTON

State:DE

ZIP:19898

Country:US

Phone:800-441-7515;800-441-9442

CAGE:18873

===== Composition/Information on Ingredients

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Ingred Name:METHYLTRIMETHOXYSILANE

CAS:1185-55-3

RTECS #:VV4650000

= Wt:7.

Other REC Limits:TWA 50 PPM (MFR)

OSHA PEL:N/K

OSHA STEL:N/K

ACGIH TLV:N/K

ACGIH STEL:N/K

Ingred Name:TITANIUM DIOXIDE; (OSHA PEL (FINAL RULE): TWA 10 MG/M3  
TOTAL DUST, 5 MG/M3 RESPIRABLE FRACTION (MFR))

CAS:13463-67-7

RTECS #:XR2275000

= Wt:1.

Other REC Limits:SEE ING

OSHA PEL:15 MG/M3

OSHA STEL:N/K

ACGIH TLV:10 MG/M3

ACGIH STEL:N/K

Ingred Name:SILANAMINE, 1,1,1-TRIMETHYL-N-(TRIMETHYLSILYL)-,  
HYDROLYSIS

PRODUCTS WITH SILICA; (TRIMETHYLATED SILICA)

CAS:68909-20-6

= Wt:23.

Other REC Limits:N/K

OSHA PEL:5 MG/M3

OSHA STEL:N/K

ACGIH TLV:5 MG/M3

ACGIH STEL:N/K

Ingred Name:DI-ME HYDROXY-TERMINATED SILOXANES; (DIMETHYLSILOXANE,  
HYDROXY-TERMINATED)

CAS:70131-67-8

= Wt:67.

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chro

nic:ACUTE: EYES: DIRECT CONT IRRITATES

SLIGHTLY W/REDNESS & SWELL. SKIN: A SINGLE RELATIVELY SHORT EXPOS CAUSES NO KNOWN ADVERSE EFTS. SEVERAL RPTD/PRLNG EXPOS (24-48 HRS) MAY IRRITATE. INHAL: VAP MAY IRRITATE NOSE & THROAT. PROD GENERATES METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS & DMG TO NERV SYS. VAP OVEREXP MAY CAUSE DROW. INGEST: PROD GENERATES METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS & POSS DEATH IF SWALLOWED.

CHRONIC: SKIN: NONE KNOWN. INHAL: PROD GENERA

TES METHYL ALCOHOL

WHICH MAY CAUSE BLINDNESS & DMG TO NERV SYS. INGEST: PROD GENERATES METHYL ALCOHOL WHICH MAY CAUSE BLINDNESS & POSS DEATH IF SWALLOWED.(EFTS OF OVEREXP)

Effects of Overexposure:HLTH HAZ: WHEN HEATED TO TEMPERATURES ABOVE 180C IN THE PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, A KNOWN SKIN AND RESPIRATORY SENSITIZER, AND AN IRRITANT TO THE EYES, NOSE, THROAT, SKIN, AND DIGESTIVE SYSTEM. SAFE

HANDLING CONDITIONS MAY BE

MAINTAINED BY KEEPING VAPOR CONCENTRATIONS WITHIN THE OSHA PERMISSIBLE EXPOSURE LIMIT FOR FORMALDEHY DE.

===== First Aid Measures =====

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

===== Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:N/A (SOLID)

Extinguishing Media:CARBON DIOXIDE (CO\*2), WATER, WATER FOG (OR SPRAY), DRY CHEMICAL, FOAM.

Fire Fighting Procedures:WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT . IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA.

Unusual Fire/Explosion Ha

zard:NONE.

===== Accidental Release Measures =====

Spill Release Procedures:SCRAPE UP AND CONTAIN FOR SALVAGE OR DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS. LOCAL, STATE, AND FEDERAL REPORTING REQUIREMENTS MAY APPLY TO SPILLS OR RELEASES OF THIS MATERIAL INTO THE ENVIRONMENT.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE. AVOID EYE CONTACT. AVOID BREATHING VAPOR. DO NOT TAKE INTERNALLY. THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING. USE AT ELEVATED TEMPERATURE, OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS. Other Precautions:METHYL ALCOHOL FORMS ON CONTACT WITH WATER OR HUMID AIR. PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURES WITHIN GUIDELINES OF OSHA PEL.

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

Respiratory Protection :USE RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IF PROVIDED OR AIR SAMPLING DATA SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES. USE NIOSH APPROVED SCBA OR OTHER SUPPLIED-AIR RESPIRATOR. Ventilation:LOCAL EXHAUST AND GENERAL VENTILATION RECOMMENDED. Protective Gloves:IMPERVIOUS GLOVES . Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES . Other Protective Equipment:EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA . Work Hygienic Practices:INDUSTRIAL HYGIENE PERSONNEL CAN ASSIST IN JUDGING THE ADEQUACY OF EXISTING ENGINEERING CONTROLS. WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE. Supplemental Safety and Health

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

Vapor Pres:N/A @ 25C  
Spec Gravity:1.12 @ 25C  
Solubility in Water:NONE  
Appearance and Odor:GRAY PASTE WITH SLIGHT ODOR.

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

Stability Indicator/Materials to Avoid:

YES

OXIDIZING MATERIALS CAN CAUSE A REACTION.

Stability Condition to Avoid:WATER, MOISTURE, OR HUMID AIR.

Hazardous Decomposition Products:THERMAL BREAKDOWN DURING FIRE/VERY HIGH HEAT CNDTNS MAY EVOLVE THE FOLLOWING HAZ DECOMP PRODS: METAL OXIDES, CARBON OXIDES & TRACES OF INCOMPLETELY BURNED CARBON CMPDS, SILICON DIOXIDE, FORMALDEHYDE.

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

Toxicological Information:COMPLETE INFORMATION NOT YET AVAILABLE.

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

Ecological:COMPLETE INFORMATION NOT YET AVAILABLE.

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

Waste Disposal Methods:DISPOSAL OF COLLECTED PRODUCT, RESIDUES, AND CLEANUP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL WASTE MANAGEMENT REGULATIONS. CALL DOW CORNING ENVIRO NMENTAL MANAGEMENT (517)496-6315, IF MORE INFORMATION IS DESIRED.

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

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

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

SARA Title III Information:EPA SARA TITLE III CHEMICAL LISTINGS.

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: NONE. SECTION 304 CERCLA HAZARDOUS SUBSTANCES: NONE. SECTION 312 HAZARD CLASS: ACUTE: Y; CHRONIC: Y; FIRE: N; PERSISTENCE: 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 29CFR 1910.1200. TSCA STATUS: ALL CHEMICAL SUBSTANCES FOUND IN THI

S 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 STATE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65) AS BEING KNOWN TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE KNOWN. MASSACHUSETTS: 013463677 TITANIUM DIOXIDE (1%). NEW JERSEY/PENNSYLVANIA: 070131678 D

IMETHYL

SILOXANE, HYDROXY-TERMINATED (67%); 068909206 TRIMETHYLATED

SILICA (23%); 001185553 METHYLTRIMETHOXY SILANE (7%); 013463677

TITANIUM DIOXIDE (1%); #1861.

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