

DOW CORNING CORPORATION -- 3145 RTV MIL-A-46146 ADHESIVE/SEALANT-GRAY --
8040-00-144-9774

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

MSDS Date:06/02/1995

FSC:8040

NIIN:00-144-9774

Status Code:A

MSDS Number: CKMPM

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:SOUTH SAGINAW ROAD

City:MIDLAND

State:MI

ZIP:48674

Country:US

Info Ph

one Num:517-496-6000

Emergency Phone Num:(800)424-9300

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

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Composition/Information on Ingredients
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Ingred Name:METHYLTRIMETHOXYSILANE

CAS:1185-55-3

RTECS #:VV4650000

= Wt:7.

Ingred Name:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

= Wt:1.

ACGIH TLV:10 MG/M

Ingred Name:TRIMETHYLATED SILICA

CAS:68909-20-6

= Wt:23.

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 ===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:EYE: SIRECT CONTACT IRRITATES SLIGHTLY WITH SWELLING AND REDNESS. SKIN: A SINGLE RELITIVELY SHORT EXPOSURE CAUSES NO KNOWN ADVERSE EFFECT. SEVERAL REPEATED OR PROLONGED EXPOSURES (24 TO 48 HOURS) MAY IRRITATE. INHALATION: VAPOR MAY IRRITATE NOSE AND THROAT. PROD

UCT GENERATES METHYL ALCOHOL WICH MAY CAUSE BLINDNESS AND DAMAGE TO THE NERVOUS SYSTEM. VAPOR OVEREXPOSURE MAY CAUSE DROWSINESS. ORAL: PRO DUCT GENERATES METHYL ALCOHOL WICH MAY CAUSE BLINDNESS AND POSSIABLY DEATH IF SWALLOWED.

Explanation of Carcinogenicity:WHEN HEATED TO TEMPATURES ABOVE 180C IN THE PRESENCE OF AIR, PRODUCT CAN FORM FORMALDEHYDE VAPORS. FORMALDEHYDE IS A POTENTIAL CANCER HAZARD, A KNOWN SKIN/RESPIRATORY SENSITIZER. AND AN IRRITANT TO TH E EYES/NOSE/THRO

AT/SKIN/DIGESTIVE SYSTEM. SAFE HANDLING CONDITIONS MAY BE MAINTAINED BY KEEPING VAPOR WITHIN THE OSHA EXPOSURE LIMIT FOR FORMALDEHYDE.

Effects of Overexposure:INHALATION: PRODUCT GENERATES METHYL ALCOHOL WICH MAY CAUSE BLINDNESS ANS DAMAGE TO NERVOUS SYSTEM. ORAL: PRODUCT GENERATES METHYL ALCOHOL WICH MAY CAUSE BLINDNESS AND POSSIABLY DEATH IF SWALLOWED.

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 ===== First Aid Measures =====
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First Aid:EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 M INITUES. SKIN: NO

FIRST AID SHOULD BE NEEDED. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL EFFECTS PERSIST. ORAL: GET MEDICAL ATTENTION. IF C ONSIOUS, INDUCE VOMITING. LIE DOWN, KEEP WARM, AND COVER EYES TO EXCLUDE LIGHT. TREAT SAME AS METHYL ALCOHOL POISONING.

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 ===== Fire Fighting Measures =====
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Extinguishing Media:CARBON DIOXIDE (CO2). WATER. WATER FOG (OR SPRAY). DRY CHEMICAL. FOAM.

Fire Fighting Procedures:SELF-CONTA

INER BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. IF LARGE AMOUNT IS INVOLVED, EVACUATE AREA.

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

Spill Release Procedures:CONTAINMENT/CLEAN-UP: DISPOSAL OF COLLECTED PRODUCT, RESIDUES, AND CLEAN-UP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL WASTE MANAGEMENT REGULATIONS. SCRAPE UP AND CONTAIN FOR SALVAGE OR

DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDATIONS DESCRIBED. LOCAL, STATE AND FEDERAL REPORTING OF THIS PRODUCT MAY BE REQUIRED IF SPILLED.

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED AND STORE AWAY FROM WATER OR MOISTURE.

Other Precautions:METHYL ALCOHOL WITH WATER/ HUMID AIR. PROVIDE ADEQUATE VENTILATION TO CONTROL EXPOSURES WITHIN GUIDELINES OF OSHA PEL: TWA 200PPM AND ACGI

TLV-SKIN: TWA 200PPM, STEL 250 PPM. THE EFFECTS OF OVEREXPOSURE INCLUDE HEALTH EFFECTS RELATED TO CONVERSION OF METHOXYSILANES TO METHYL ALCOHOL UPON EXPOSURE TO MOIST/HUMID AIR.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS OR OTHER SUPPLIED-AIR RESPIRATOR.. .

Ventilation:LOCAL EXHAUST OR GENERAL VENTILATION RECOMMENDED

Eye Protection:SAFETY GLASSES AS A MINIMUM

Work Hygienic Practices:WASHING AT M

EARLY TIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health

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

Spec Gravity:1.25

Solubility in Water:NONE

Appearance and Odor:GRAY PASTE SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Hazardous Decomposition Products:THERMAL BREAKDOWN DURING FIRE AT VERY HIGH HEAT COND. MAY EVOLVE THESE HAZAR

DOUS DECOMPOSITION

PRODUCTS:METAL OXIDES,CARBON OXIDES, INCOMPLETELY BURNED CARBON COMPOUNDS. SILICON DIOXIDE, FORMALDEHYDE.

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

State Regulatory Information:NEW JERSEY: DIMETHYL SILOXANE, HYDROXY-TERMINATED, TRIMETHYLATED SILICA, METHYLTRIMETHOXYDILANE. MASSACHUSETTS: TITANIUM DIOXIDE.

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

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