

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

Product ID:RTV ADHESIVE SEALANT-GRAY 3145

MSDS Date:08/07/1992

FSC:8040

NIIN:00-144-9774

Status Code:A

MSDS Number: CKZJL

=== Responsible Party ===

Company Name:DOW CORNING CORPORATION

Address:3901 SOUTH SAGINAW ROAD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Info Phone Num:517-496-6000/517-496-6315

Emergency Phone Num:517-496-5900

Prep

arer's Name:HENRY SIMMONS

CAGE:5D028

=== Contractor Identification ===

Company Name:DOW CORNING CORP

Address:3901 S SAGINAW RD

Box:997

City:MIDLAND

State:MI

ZIP:48686-0997

Country:US

Phone:517-496-6000/517-496-6315

CAGE:5D028

===== Composition/Information on Ingredients =====

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

CAS:68909-20-6

= Wt:23.

Ingred Name:METHYLTRIMETHOXYSilane

CAS:1185-55-3

RTECS #:VV4650000

= Wt:7.

Ingre

d Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
= Wt:1.
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

Effects of Overexposure:EYE: DIRECT CONTACT IRRITATES SLIGHTY WITH
REDNESS AND SWELLING. SKIN: A SINGLE
RELATIVITY CAUSES NO KNOWN ADVERSE EFFECT. SEVERAL REPEATED PROLONGED
EXPOSURES
(24-48) MAY IRRITATE. INHALATION : SHORT VAPOR EXPOSURE MAY CAUSE
DROWSINESS AN
IRRITATE NOSE AND THROAT. VAPORS MAY INJURE NERVOUS
SYSTEM, EYES, AND
CAUSE
UNCONSCIOUSNESS. ORAL: SWALLOWING SMALL AMOUNTS MAY CAUSE BLINDNESS,
EVEN DEATH.
CO MMENTS : NO INJURY FROM DUST SHOULD OCCUR DURING REASONABLE USE. IF
USE CREATES
RESPIRABLE PARTICLES, SOME RESPIRATORY SYSTEM INJURY MAY OCCUR.

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

First Aid:EYES: FLUSH IMMEDIATELY WITH WATER FOR 15 MINUTES. SKIN: WIPE
OFF AND FLUSH WITH
WATER. INHALATION: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION IF ILL
EFFECTS PERSITS.
ORAL. GET MEDICAL ATTENTION. IF C ONSCIOUS, INDUCE VOMITING. LIE DOWN,
KEEP WARM, AND
COVER EYES TO EXCLUDE LIGHT. COMMENT: NONE

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

Flash Point Method:CC
Flash Point:~100.C, 212.F
Extinguishing Media:WATER , CO2, DRY CHEMICAL, FOAM, AND OTHER.
Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARTUS AND
PROTECTIVE AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES
INVOLVONG CHEMICALS.

Un

usual Fire/Explosion Hazard:NONE KNOWN TO DOW CORNING.

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

Spill Release Procedures:REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUES.

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

Handling and Storage Precautions:STORE BELOW 90F/ 32 C. USE REASONALBE CARE AND CAUTION. KEEP CONTAINER CLOSED.

Other Precautions:PRODUCTS EVOLVES METHYL ALCOHOL WHEN EXPOSED TO WATER OR

HUMID AIR. PROVIDE

VENTILATION DURING USE TO CONTROL METHYL ALCOHOL EXPOSURE WITHIN 220 PPM (CURRENT

TLV) OR USE AIR-SUPPLIED OR SELF-CONTAINED BREATHING APPARTUS.

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

Respiratory Protection:LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): RECOMMENDED.

Ventilation:USING RESPIRATORY PROTECTION UNLESS LOCAL EXHAUST VENTILATION IS ADEQUATE OR AIR SAMPLING DATA SHOWS EXPOSURES ARE WITHIN TLV AND PEL GUIDELINES.

Eye

Protection:USE PROPER EQUIPMENT--SAFETY GLASSES, AS A MINIMUN.

Work Hygienic Practices:WASHING AT MEALTIME AND END OF SHIFT IS ADEQUATE.

Supplemental Safety and Health

THOSE PRECAUTIONS FOR ROOM TEMPERATURE HANDLING, USED AT ELEVATED TEMPERATURES MAY REQUIRE ADDED PRECAUTIONS. GOOD PRATICES REQUIRES THAT GROSS AMOUNTS OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS PRATICAL, ESPECIALLY BEFORE EATING OR SMOKING. COMMENTS: AVOID BREATHING VAPORS AND EYE CONTACT.

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= Physical/Chemical Properties =====

Spec Gravity:1.12 @ 77F

Solubility in Water:LESS THAN 0.1

Appearance and Odor:SWEET ODOR, VISCOUS LIQUID, GRAY

Percent Volatiles by Volume:LESS THAN 5%

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIAL CAN CAUSE A REACTION.

Stability Condition to Avoid:REACTS WIITH WATER, ACIDS, ETC. LIBERATING METHYL ALCOHOL.

Hazardous Decomposition Products:TITANIUM DIOXIDE

, SILICON DIOXIDE,
CARBON DIOXIDE, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods:DOW CORNING SUGGETS THAT ALL LOCAL, STATE AND
FEDERAL REGULATIONS CONCERNING
HEALTH AND POLLUTION BE REVIEWED TO DETERMINE APPROVE DISPOSAL
PROCEDURES.
CONTACT DOW CORNING IF THERE ARE ANY DISPOSAL Q UESTION.

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

SARA Title III Information:SE
C 312 HAZARD CLASS: IMMEDIATE AND DELAYED.
SEC 313 NOTIFICATION: NOT APPLICABLE- EITHER NONE PRESENT OR NONE
PRESENT IN REGUATED QUANTITIES.
State Regulatory Information:SUPPLEMENTAL STATE COMPLIANCE INFORMATION.
PENNSYLVANIA 00118553 METHYLTRIMETHOXY-SILANE, 068909206
TRIMETHYLATED SILICA, 070131678 POLYDIMETHYLSILOXANE,
HYDROXY-TERMINATED; 1% 013463677, TITANIUM D IOXIDE.
MASSACHUSETTS: NO INGREDIENTS REGULATED BY THE MASSACHUSETTS
RIGHT-TO-KNOW-LAW PRESENT. NEW J
ERSEY: 1% 013463677 TITANIUM
DIOXIDE \$1861 PREVAILING COMPONENTS SAME AS PENNSYLVAINIA ABOVE
PLUS 069430246 DIMETHYL CYCLOSILOXANES.

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