

3110 RTV SILICONE RUBBER

MSDS Number

BSDRS

National Stock Number

5970-00-964-0471

Product Name

3110 RTV SILICONE RUBBER

Manufacturer

DOW CORNING CORP

Product Identification

Product ID:3110 RTV SILICONE RUBBER

MSDS Date:09/02/1992

FSC:5970

NIIN:00-964-0471

Kit Part:Y

MSDS Number: BSDRS

Responsible Party

DOW CORNING CORP

3901 SOUTH SAGINAW ROAD

MIDLAND , MI 48640

US

Emergency Phone: 517-496-5900

Info Phone: 517-496-6000

Preparer: JACK L. SHENEGER

Cage: 5D028

Contractor

DOW CORNING CORP

AUBURN, MI 48611

US

517-496-4388

Cage: 71984

Ingredients

SILICA, CRYSTALLINE - CRISTOBALITE

CAS: 14464-46-1

RTECS: VV7325000

Fraction By Weight: < 15% %

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.05 MG/M3 RDUST9293

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: < 1%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

SILICONE DIOXIDE

CAS: 68855-54-9

Fraction By Weight: 5%

OSHA PEL10 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST

ALUMINA HYDRATE

CAS: 21645-51-2

Fraction By Weight: 7%

TETRA PROPYL ORTHO SILICATE

CAS: 682-01-9

Fraction By Weight: 3%

OSHA PEL200 PPM

ACGIH TLV: 200 PPM, STEL 250PPM

Hazards

LD50 LC50 Mixture:TLV 200 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:DIRECT CONTACT SLIGHTLY IRRITATES THE EYES. REPEATD/PROLONGED CONTACT MAY IRRITATE THE SKIN. MIST MAY INJURE THE RESPIRATORY SYSTEM. IF USE CREATES RESPIRABLE PARTICLES, SOME RESPIRATORY INJURY MAY OC CUR. PROLONGED CRISTOBALITE/QUARTZ EXPOSURE MAY CAUSE SILICOSIS. SWALLOWING LARGE AMOUNTS MAY CAUSE DISCOMFORT.

Explanation of Carcinogenicity:PROLONGED CRISTOBALITE/QUARTZ OVEREXPOSURE HAS CAUSED CANCER IN LAB ANIMALS.

Effects of Overexposure:EYE IRRITATION/REDNESS/SWELLING, SKIN IRRITATION, RESPIRATORY TRACT IRRITATION, LUNG INJURY, GASTROINTESTINAL IRRITATION/DISCOMFORT.

Medical Cond Aggravated by Exposure:OVEREXPOSURE TO ANY CHEMICAL MAY RESULT IN ENHANCEMENT OF PRE-EXISTING ADVERSE MEDICAL CONDITIONS AND ALLERGIC REACTIONS.

First Aid

First Aid:INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. INGESTION: NO FIRST AID SHOULD BE NEEDED.

Fire Fighting

Flash Point Method:CC

Flash Point:>212F,>100C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

Accidental Release

Spill Release Procedures:REMOVE PRODUCT AND USE ABSORBENT MATERIAL TO TAKE CARE OF ANY OIL-LIKE RESIDUE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:STORE BELOW 90F. USE REASONABLE CARE AND CAUTION.
Other Precautions:USE RESPIRATORY PROTECTION IF PROCESSING CREATES RESPIRABLE DUST PARTICLES. PRODUCT EVOLVES N-PROPYL ALCOHOL WHEN EXPOSED TO WATER AND/OR HUMID AIR. PROVIDE VENTILATION TO CONTROL EXPOSURE TO N-PROPYL ALCOHOL.

Exposure Controls

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR SELECTION.
Ventilation:LOCAL EXHAUST AND GENERAL (MECHANICAL) VENTILATION RECOMMENDED.
Protective Gloves:RUBBER OR PLASTIC
Eye Protection:SAFETY GLASSES AS A MINIMUM
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
THESE PRECAUTIONS ARE FOR ROOM TEMPERATURE HANDLING, USE AT ELEVATED TEMPERATURES OR AEROSOL/SPRAY APPLICATIONS, MAY REQUIRE ADDED PRECAUTIONS.

Chemical Properties

HCC:N1
Boiling Pt:B.P. Text:NOT GIVEN
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:NOT GIVEN
Vapor Density:NOT GIVEN
Spec Gravity:1.14
Evaporation Rate & Reference:NOT GIVEN
Solubility in Water:NEGLIGIBLE
Appearance and Odor:WHITE VISCOUS LIQUID, VERY LITTLE ODOR
Percent Volatiles by Volume:NIL

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZING MATERIALS
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:ALUMINUM OXIDES, SILICON DIOXIDE, CARBON DIOXIDE, TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS.

Disposal

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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