

Material Safety Data Sheet

Boss[®] 322 100% RTV SILICONE SEALANT

SECTION I

Company Address: Accumetric LLC, 350 Ring Road Elizabethtown KY 42701 (800) 928-2677
Chemical name and synonyms: RTV SILICONE SEALANT

Chemical family: Moisture Curing Silicone Sealant

Boss 322 100% RTV SILICONE SEALANT

PERSONAL PROTECTION: SEE SECTION 8

SECTION II-HAZARDOUS INGREDIENTS

INGREDIENTS CAS # EXPOSURE LIMITS WGT %

Methyltriacetoxysilane 004253343 <2.00% by weight

Ethyltriacetoxysilane 017689779 <2.00% by weight

Silica, Amorphous 007631869 OSHA PEL: TWA 6 MG/M3 10

ACGIH TLV: TWA 10 MG/M3 Total Dust

COMMENT: Observe Limits for Acetic Acid, Formed During Curing on Exposure to Water or Humid Air. OSHA PEL: TWA 10 PPM, STEL 15 PPM.

SECTION III-PHYSICAL DATA

Boiling Point (@ 760 MM HG): N/A

Melting Point: N/A

Vapour Pressure (@770F/250C): <5 MM

Vapour Density (Air=1 @ 770F/250C): N/A

Solubility in Water (%): <0.1

Specific Gravity (@ 770F/250C): 1.02

Percent Volatile By Weight (%): <5

Evaporation Rate (Ether=1): N/A

Odour, Appearance and Colour: Acetic Acid (Vinegar-Like) Paste, Translucent or Grey.

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A

Auto-ignition: N/D

Flammability Limits in Air: Lower - N/D Upper N/D

Extinguishing Media: Water Fog, Foam, CO2, Dry Chemical.

Special Fire Fighting Procedures: Self Contained Breathing Apparatus and Protective Clothing Should be Worn in Fighting Fires Involving Chemicals.

Unusual Fire and Explosion Hazards: None Known.

COMMENTS: N/D - Not Determined. Product is Considered a Solid for DOT Purposes and Flash Point is Not Applicable.

SECTION V-HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Eye: Direct Contact Irritates Slightly with Redness and Swelling.

Skin: A Single Short Exposure (Less Than 24 Hours) may Irritate. Repeated Prolonged Contact (24 to 48 Hours) may Irritate Moderately.

Inhalation: Vapour Overexposure may Irritate Eyes, Nose and Throat.

Oral: Small Amounts Transferred to the Mouth by Fingers During Use, Etc., Should Not Injure. Swallowing Large Amounts May Cause digestive Discomfort.

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with Water For at Least 15 Minutes. Seek Medical Assistance.

Skin: Wipe off and Flush with Water. Get Medical Attention if Irritation Develops.

Inhalation: Remove to Fresh Air. Get Medical Attention if Ill Effects Persist.

Oral: No First Aid Should Be Needed.

SECTION VI-REACTIVITY DATA

Stability: Stable

Incompatibility (Material to Avoid): Oxidizing Material Can Cause a Reaction. Air or Moisture causes Curing and Acetic Acid Vapours to Form.

Conditions to Avoid: Exposure to Air or Moisture Until Ready to use.

Hazardous Decomposition Products: Silicon Dioxide, Carbon Dioxide, and Traces of Incompletely Burned Carbon Products.

Hazardous Polymerization: Will Not Occur.

Conditions to Avoid: N/A

SECTION VII-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled : Remove Product and Contain for Salvage or Disposal.

PROTECTIVE EQUIPMENT:

Eyes: Use Proper Protection -- Safety Glasses, as a Minimum.

Skin: Washing at Mealtime and End of Shift is Adequate. Remove contaminated Clothing and Shoes As Soon As Practical and Clean Thoroughly Before Reuse. Rubber or Plastic Gloves are recommended.

Inhalation: Use Respiratory Protection Unless Local Exhaust Ventilation is Adequate or Air Sampling Data Show Exposures Are Within TLV and PEL Guidelines.

Waste Disposal Method: Dispose of Material in Accordance with Local, State, and Federal Regulations.

SECTION VIII-SPECIAL PROTECTION INFORMATION

PROTECTIVE EQUIPMENT:

Eyes: Use Proper Protection Safety Glasses, as a Minimum.

Skin: Washing at Mealtime and End of Shift is Adequate. Remove contaminated Clothing and Shoes As Soon As Practical and Clean Thoroughly Before Reuse. Rubber or Plastic Gloves are recommended.

Inhalation: Use Respiratory Protection Unless Local Exhaust Ventilation is Adequate or Air Sampling Data Show Exposures are Within TLV and PEL Guidelines.

VENTILATION :

Local Exhaust: Recommended.

Mechanical (General): Recommended.

Suitable Respirator: Organic Vapour Type.

*Good Practice Requires That Gross Amount of any Chemical be Removed From the Skin As Soon As Practical, Especially Before Eating or Smoking .

COMMENTS: Avoid Breathing Vapors and Eye and Skin Contact. Use Only With Adequate Ventilation. DO NOT Take Internally.

SECTION IX-SPECIAL PRECAUTIONS

Precautions to be taken in handling

and storing: Store Below 900F/320C. Keep Container Closed When Not in Use.

Other Precautions: Product Forms Acetic Acid (HOAC) When Exposed to Water or Humid Air. Provide Ventilation During Use to Control HOAC

Exposure Within 10 PPM (Current TLV) or Use Respiratory Protection.

COMMENTS: Traces of Formaldehyde (Carcinogen) may Form if Heated in Air Above

3000F/1490C. Provide Ventilation to Control Vapor Exposure Within Inhalation Guidelines When Handling at Elevated Temperatures.

SECTION X-HAZARD COMMUNICATION CODES

NFPA RATINGS:

Health: 1

Flammability: 1

Reactivity: 0

POISONS INFORMATION CENTRE

Adelaide: (08) 8204-6117 Brisbane: (07) 3253-8233

Canberra: (02) 6285-2852 Darwin: (08) 8922-8842

Hobart: (03) 6338-8485 Melbourne: (03) 9345-5678

Perth: (08) 9381-1177 Sydney: (02) 9692-6111

POLICE OR FIRE BRIGADE: 000

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