



MATERIAL SAFETY DATA SHEET

350 RING ROAD ELIZABETHTOWN, KY 42701 (270) 769-5557 (270) 769-6418

**CLEAR SILICONE SEALANT
CONSTRUCTION GRADE
PART NO. 49298**

SECTION I – IDENTITY INFORMATION

Chemical Family : Silicone Rubber Sealant

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS #</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>		<u>WGT %</u>
		<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
Methyltrimethoxysilane	1185-55-3	1-5	200(R)	N/E	200(R)	1-5

SECTION III – NON – HAZARDOUS INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>		<u>WGT %</u>
		<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	
Dimethylpolysiloxane	63148-62-9	10-03	N/A	N/E	N/A	10-30
Methoxypoly- dimethylsiloxane	68037-58-1	60-80	N/E	N/E	N/E	60-80

SECTION IV – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point : N/A(F) N/A(C)
TEMPERATURE RANGE:
Application : -35⁰F to 140⁰F
Performance : -80⁰F to 300⁰F
Vapor Pressure (20 C) (MM HG) : N/A
Vapor Density (Air=1) : N/A
Freezing Point : N/A
Melting Point : N/A
Physical State : Solid
Odor : Ammonia
Color : Clear
Odor Threshold (PPM) : 46.8
% Volatile by Volume : <4
Evaporation Rate (butyl Acetate=1) : <1
Specific Gravity (H₂O=1) : 1.05

Density (KG/M3)	: 1048
Acid/Alkalinity (MEQ/G)	: Unknown
PH	: N/A
Voc (EPA METH.24) (G/L)	: 21
Solubility in Water (20 C)	: Insoluble
Solubility in Organic Solvent (State Solvent)	: Partial, Toluene

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Flash Point	: N/A(F) N/A(C)
Method	: N/A
Ignition Temperature	: Unknown(F) Unknown(C)
Flammable Limits in Air	: Lower - N/A Upper - N/A
Sensitivity to Mechanical Impact (Y/N)	: No
Sensitivity to Static Discharge	: Sensitivity to Static Discharge is not expected.
Extinguishing Media	: All standard Fire Fighting Media.
Special Fire Fighting Procedures	: None Known.

SECTION VI – STABILITY AND REACTIVITY DATA

Stability	: Stable
Hazardous Polymerization	: Will Not Occur.
Hazardous Thermal Decomposition/Combustion	
Products	: Carbon Monoxide, Carbon Dioxide, Silicon Dioxide, Methanol, Ammonia, Formaldehyde.
Incompatibility (Materials to Avoid)	: None Known.
Conditions to Avoid	: Vapor and/or Liquid React with Water to Form Ammonia.

SECTION VII – HEALTH HAZARD DATA

POTENTIAL HEALTH EFFECTS:

Ingestion	: Irritation to the Mouth, Throat, and Stomach.
Skin Contact	: Uncured Product Contact may irritate the Skin.
Inhalation	: Causes Mild Respiratory Irritation. Applies Only in Cured State.
Eye Contact	: Uncured Product Contact Irritate Eyes.
Medical Conditions Aggravated	: Respiratory. Applies in Uncured State.
Subchronic (Target Organ) Effects	: None Known.
Chronic Effects/Carcinogenicity	: This Product or One of its Ingredients Present 0.1% or More is Not Listed as a Carcinogen or Suspected Carcinogen by NTP, IARC or OSHA.
Principal Route(s) of Exposure	: Dermal - Skin, Eyes, Inhalation
Other	: This Product Contains Methylpolysiloxanes which can generate formaldehyde at Approximately 300 ⁰ F/150 ⁰ C and above, in

Atmospheres Which Contain Oxygen.
Formaldehyde is a Skin and respiratory
Sensitizer, Eye and Throat Irritant, Acute
Toxicant, and Potential Cancer Hazard.

FIRST AID MEASURES:

- Ingestion : Rinse Mouth with Water Several Times.
Skin : To Clean From Skin, Remove completely
with a Dry Cloth or Paper Towel, before
Washing with Detergent and Water.
Inhalation : Move Person to Fresh Air.
Eyes : In Case of Contact, Immediately Flush Eyes
with Plenty of Water for at Least 15 Minutes and
Get Medical Attention if Irritation Persists.

SECTION VIII – ACCIDENTAL RELEASE MEASURES

- Action to be Taken if Material is Released or
Spilled : Wipe, Scrape or Soak up in an Inert
Material and Put in a Container for Disposal.
Wash Walking Surfaces with Detergent and
Water to Reduce Slipping Hazard. Wear Proper
Protective Equipment as Specified in the
Protective Equipment Section.
Disposal Method : Disposal should be made in Accordance
with Federal, State and Local Regulations.

SECTION IX – HANDLING PRECAUTIONS

- Precautions to be taken in Handling
and Storage : Keep Container Closed When Not in Use.
Avoid Contact with Skin and Eyes. Remove
Contact Lenses before Using Sealant. Do Not
Handle Lenses until all Sealant Has Been
Cleaned From the Fingertips, Nails and Cuticles.
Residual Sealant May Remain on Fingers For
Several Days and Transfer to Lenses and Cause
Severe Eye Irritation. Use mechanical
Ventilation to Stay below TLV of 25 PPM
Ammonia. Product Releases Methanol during
Application and Curing. (Methanol TLV = 200
ppm). Product Releases Ammonia during
Application and Curing.
Uncured Product Contact May Irritate Eyes.
Uncured Product Contact May Irritate Skin.

SECTION X – EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls : Exhaust Ventilation. Eyewash Stations. Use
in a Well Ventilated Area.

Respiratory Protection	: Use in a Well Ventilated Area. Use Approved NIOSH Respiratory Protection if TLV Exceeded Or Overexposure is likely.
Protective Gloves	: Cloth Gloves.
Eye and Face Protection	: Safety Glasses.
Other Protective Equipment	: None Known.
Ventilation	: Use Only in Well Ventilated Area.

SECTION XI – HAZARD COMMUNICATION CODES

HMIS RATINGS:

Flammability	: 0
Reactivity	: 0
Health	: 2

NFPA RATINGS:

Flammability	: 0
Reactivity	: 0
Health	: 2

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