HAZARD COMMUNICATION SAFETY DATA SHEET

Doc: 2016-12-15.001

1. Identification

Product Name:	Odorless End Dip™
Synonyms or Product Family:	Liquid Silicone Rubber
CAS Number:	Vinyl Oximino Silane 2224-33-1
Recommended use:	Used to coat the ends of material to prevent fraying and the absorption of flammable oils and other contaminants into exposed glass fibers.
Restriction on use:	None known
Manufacturer/ Supplier:	**ADL Insulflex, Inc.** A member of the ADL Group.
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2. Hazards Identification

OSHA/HCS status:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture:	Not classified
GHS Label Elements:	
Signal Word	No signal word
Hazard statements	No known significant effects or critical hazards.
Precautionary statements:	
Prevention	Not Applicable
Response	Not Applicable
Storage	Not Applicable
Disposal	Not Applicable
Hazards not otherwise classified	None Known
Other Hazard Information	This product can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contains oxygen. Formaldehyde is a skin, eye, and throat irritant.

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Vinyl Oximino Silane	2224-33-1	1-5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First Aid Measures

Primary Route of Exposure:	None known.
Inhalation	None known.
Skin Contact	May cause mild skin irritation. Manufacturing experience has shown that skin hazard is not applicable in this form.
Eye Contact	May cause mild eye irritation.

Description of necessary first aid measures:

Eye:	Flush for 15 minutes with copious amounts of lukewarm water. Seek medical attention if irritation persists.
Skin:	Wash thoroughly with warm water and non-abrasive soap.
Inhalation:	None known
Ingestion:	None known

5. Fire Fighting Measures

Suitable Extinguishing Media:	Water spray; carbon dioxide; dry chemical; foam.
Fire Fighting Procedures:	In a sustained fire, use self-contained breathing apparatus.
Unusual Fire and Explosion Hazards:	None Known
Hazardous thermal decomposition products:	None Known
Special Protective Equipment and Precautions for Fire Fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk without suitable training. In a sustained fire, proper protection against products of combustion from the fuel and sizing/binder must be worn.

6. Accidental Release Measures

Scrape up and place in an inert material for disposal. *See Section 8 for protective equipment upon exposure and Section 7 for information on safe handling.*

7. Handling and Storage

Precautions for handling and storage:	Cure only where appropriate ventilation systems exist, as seen in *Section 8*.

8. Exposure Controls / Personal Protection

Exposure Limits:

Component Name (CAS #)	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL
Vinyl Oximino Silane (2224-33-1)	NE	NE	NE	NE

Note: Oximino Silanes form Methyl Ethyl Ketoxime upon contact with atmospheric moisture. Provide adequate ventilation to control exposures within the following exposure guidelines: *Vendor Guide TWA: 3 ppm, Vendor Guide STEL: 10 ppm, AIHA WEEL TWA: 10 ppm*

Engineering controls:	None known
Personal Protective Equipment (PPE):	Cloth gloves.
Eye and Skin protection:	Safety glasses
Respiratory protection:	None required.
Ventilation:	Cure in well-ventilated areas.

9. Physical and Chemical Properties

Physical State:	Liquid
Colour:	Iron-oxide Red
Odour:	Mild
Ordour Threshold:	Not Applicable
pH-value:	Not Applicable
Melting Point:	Not Applicable
Freezing Point:	Not Applicable
Initial Boiling Point/ Boiling Range:	Not Applicable
Flash Point:	142°F
Evaporation Rate:	< 1
Flammability (Solid, Gas):	Not Applicable
% Volatile by Volume:	< 1
Vapour Pressure:	Not Applicable
Vapour Density:	Not Applicable
Density (kg/m³):	1020
Solubility:	Insoluble
Solubility in Organic Solvents:	Partially soluble in toluene. Not recommended
Acid/Alkalinity:	Unknown
Auto-Ignition Temperature:	Unknown
Decomposition Temperature:	Not Applicable
Viscosity:	Not Applicable

10. Stability and Reactivity

Reactivity:	Not Applicable
Chemical Stability:	This is a stable material.
Possibility of Hazardous Reactions:	None Known
Conditions to Avoid:	None Known
Incompatible Materials:	None Known
Hazardous Decomposition Products:	Carbon Dioxide; Carbon Monoxide; Silicon Dioxide; Formaldehyde

11. Toxicological Information

Signs and Symptoms of Overexposure:	Material is considered inert.
Acute Effects:	See Section 4
Eye Contact:	See Section 4
Skin Contact:	See Section 4
Inhalation:	See Section 4
Ingestion:	See Section 4
Chronic Effects and Carcinogenicity:	
Medical Conditions Aggravated by Exposure:	None known.
Acute Toxicity Values:	None Known
Acute Oral LD50:	Unknown.
Acute Dermal LD50:	Unknown.
Acute Inhalation LC50:	Unknown.
Ames Test:	Unknown.

12. Ecological Information

No data available for this product.

13. Disposal Considerations

Disposal method:	Polymerized silicone rubber is generally considered to be inert material. No special disposal procedures need be followed. User should follow normal methods of disposal in accordance with any governmental regulations.

14. Transport Information

UN Number:	None
UN Proper Shipping Name:	None
Transport Hazard Class(es):	None
Packing Group:	None
Environmental Hazards:	None
Transport in Bulk, if Applicable:	None
Special Precautions:	None

15. Regulatory Information

Safety, health and environmental regulations specific to the product:
HMIS (scale 0-4):
Health = 1 Flammability = 2 Reactivity = 1
NFPA (scale 0-4):
Health = 1 Flammability = 2 Reactivity = 1

WHMIS Hazard Class:	Not known
Harmonized Code:	3214.10.00.20
SARA Section 302:	None found
SARA (311, 312) Hazard Class:	None
SARA (313) Chemicals:	None
CPSC Classification:	Not Applicable
Export Schedule:	B/HTSUS: 3910.00 Silicones in primary form ECCN: EAR99
TSCA Inventory Status:	All components of this product are listed (or exempt) on the EPA TSCA inventory.

16. Other

Users are advised to ensure that this information is brought to the attention of their employees handling the product. The information given herein is believed to be reliable. However, ADL Insulflex, Inc. makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. ADL Insulflex, Inc.'s obligations shall be only as set forth in ADL Insulflex, Inc.'s standard terms and conditions of sale for this product. In no case will ADL Insulflex, Inc. be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product.

Users of ADL Insulflex, Inc. products should make their own evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute of Occupational Safety and Health
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
IDHL	Immediately Dangerous to Life or Health
DSL	Domestic Substances List
LD50:	Lethal Dose, 50 percent
LC50:	Lethal Concentration, 50 percent
HMIS:	Hazardous Materials Identification System (USA)
WHMIS:	Workplace Hazardous Materials Information System (Canada)

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