

SAFETY DATA SHEET (SDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: PYROTEX END DIP

COMMON NAME: High Temperature Silicone Coating

SUPPLIER: Atlantex Manufacturing Corporation Telephone: 610-518-6601
 600 South Brandywine Avenue, Unit 500 Fax: 610-518-6602
 Downingtown, PA 19335 USA Email: CustomerService@atlantexmfg.com

RECOMMENDED USE: Coating

SECTION 2: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: This material's composition is slightly hazardous according to regulatory guidelines.
See section 15 for hazard rating.

LABEL: Symbol: Irritant Signal Word: Warning



HAZARD STATEMENTS:

PHYSICAL: None known

HEALTH:

INGESTION	None known.
SKIN CONTACT	May cause mild skin irritation. Manufacturing experience has shown that skin hazard is not applicable in this form.
INHALATION	None known.
EYE CONTACT	May cause mild eye irritation.
MEDICAL CONDITIONS AGGRAVATED	None known.
SUBCHRONIC EFFECTS	None known.
CHRONIC EFFECTS / CARCINOGENCY	This product or one of its ingredients present in 0.1% or more is NOT listed or is suspected as a carcinogen by NTP, IARC, or OSHA.
PRINCIPLE ROUTES OF EXPOSURE	None known.



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PRECAUTIONARY STATEMENT: Obtain special instructions before use, and do not handle until all safety precautions have been read and understood.

OTHER HAZARD INFORMATION: This product contains methylpolysiloxanes, which can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contain oxygen. Formaldehyde is a skin, eye, and throat irritant.

SECTION 3: COMPOSITION & INFORMATION ON INGREDIENTS

FORMULA: Mixture.

INGREDIENT NAME	CAS NUMBER	% WEIGHT
Polydimethylsiloxane	70131-67-8	25-50
Odorless Mineral Spirits	64742-48-9	5-15
Dimethylpolysiloxane	63148-62-9	10-29
Vinyl Oximino Silane	2224-33-1	1-5
Modified Silicon Dioxide	68611-44-9	2-12
Aminosilane	919-30-2	0-2
Calcium Carbonate	471-34-1	15-35
Iron Oxide	1332-37-2	0-4

SARA 313 REPORTABLE SUBSTANCES: None found

SECTION 4: FIRST AID MEASURES

EYES: Flush eyes with running water for 15 minutes. Ensure contact lenses have been removed. Do not rub eyes. Seek medical attention if irritation persists

SKIN: Rinse skin with cool water and wash with soap. Remove contaminated clothing. Seek medical attention if irritation persists.

INGESTION: Unlikely route of exposure. Seek medical advice. Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Monitor for signs of gastrointestinal tract obstruction.

INHALATION: Remove person to fresh air. Seek medical attention if condition persists.

IMPORTANT SYMPTOMS

ACUTE: None known

DELAYED: None known

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NOTE TO PHYSICIANS OR FIREST AID PROVIDERS: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 142°F
IGNITION TEMPERATURE: Unknown
FLAMMABLE LIMITS IN AIR (UPPER): N/A
FLAMMABLE LIMITS IN AIR (LOWER): N/A
SENSITIVITY TO IMPACT: No

EXTINGUISHING MEDIA: All standard firefighting material.

SPECIAL FIRE FIGHTING PROCEDURES: Thermal decomposition may produce a mixture of smoke and fumes. Use self-contained breathing apparatus and gear appropriate for surrounding fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Can generate formaldehyde upon exposure above 300 degrees centigrade in atmospheres that contain oxygen. May also generate Carbon Dioxide, Carbon Monoxide, and Silicon Dioxide.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACTION TO BE TAKEN IF SPILLED OR RELEASED: 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.*

SECTION 7: HANDLING AND STORAGE

HANDLING PRECAUTIONS: Use appropriate personal protective equipment. Avoid eating, drinking, and smoking in areas which this material is handled. Do not swallow. Do not get in eyes. Avoid contact with skin or clothing. Keep product in original packaging until ready for use. Keep work areas clean. Avoid unnecessary handling of material. Use adequate material handling equipment. Wash hands after use. Provide appropriate exhaust ventilation for areas in which product is curing.

STORAGE PROCEDURE: Keep product in original packaging until ready for use. Ensure that containers are closed and properly labeled. Store in a cool, dry environment (typical warehouse conditions). Protect containers from physical damage. Avoid water contamination and protect against moisture. Provide appropriate exhaust ventilation for areas in which product is curing.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION
CONTROL PARAMETERS:

COMPONENT	CAS NUMBER	ACGIH TWA	TLV STEL	OSHA TWA	PEL STEL
Polydimethylsiloxane	70131-67-8	NE	NE	NE	NE
Odorless Mineral Spirits	64742-48-9	NF	NE	NF	NE
Dimethylpolysiloxane	63148-62-9	--	NE	--	NE
Vinyl Oximino Silane	2224-33-1	NE	NE	NE	NE
Modified Silicon Dioxide	68611-44-9	6 mg/m ³	10 mg/m ³	6 mg/m ³	10 mg/m ³
Aminosilane	919-30-2	NE	NE	NE	NE
Calcium Carbonate	471-34-1	10 mg/m ³	15 mg/m ³	5 mg/m ³	15 mg/m ³
Iron Oxide	1332-37-2	NE	NE	NE	NE

NOTE:

All solid powders are fully encapsulated in the cured and uncured product and are not hazardous in this form.
 Oximino Siles form Methyl Ethyl Ketoxime upon contact with atmospheric moisture. Provide adequate ventilation to control exposures within the following exposure guidelines:
TWA: 3 ppm STEL: 10 ppm AIHA WEEL TWA: 10 ppm

ENGINEERING CONTROLS: Use local exhaust ventilation to maintain appropriate exposure levels. Good ventilation should be sufficient to control exposure to airborne material.

PERSONAL PROTECTIVE EQUIPMENT
RESPIRATORY:

None required.

EYE:

Safety glasses with side shields may be worn. Contact lenses are not protective devices and may interfere with eye-flushing procedures.

SKIN / HANDS:

Wear clean, body-covering clothing. Closed-toed footwear should be worn. Gloves may be worn to protect against irritation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Red or black viscous liquid	pH:	N/A
ODOR:	Mild	MELTING POINT:	N/A
BOILING POINT:	N/A	FLASH POINT:	142°F
EVAPORATION RATE:	< 1	VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A	SPECIFIC GRAVITY:	1.02
SOLUBILITY:	Insoluble in water, partially soluble in toluene	% VOLATILE BY VOLUME:	< 1



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SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: The product is stable.

CONDITIONS TO AVOID: Exposure to high temperatures may degrade the product and release decomposition products as described above.

MATERIALS TO AVOID: None known.

HAZARDOUS POLYMERIZATION: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL LD50: Unknown.
ACUTE DERMAL LD50: Unknown.
ACUTE INHALATION LD50: Unknown.
AMES TEST: Unknown.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Unknown.
CHEMICAL FATE INFORMATION: Unknown.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: The generation of waste material should be avoided or minimized wherever possible. Disposal of this production and any by-products should comply with applicable federal, state, and local regulations at all times. Never dispose of material in sewer or drainage systems.

SECTION 14: TRANSPORT INFORMATION

DOT SHIPPING NAME:	N/A	EUROPEAN CLASSES:	
DOT HAZARD CLASS:	Not DOT regulated	RID (OCTI):	N/A
DOT LABEL:	N/A	ADR (ECE):	N/A
UN/NA LABEL:	N/A	RAR (IATA):	N/A
PLACARDS:	None		
IATA:	N/A		





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SECTION 15: REGULATORY INFORMATION

SARA SECTION 302: None found
SARA (311, 312) HAZARD CLASS: None
SARA (313) CHEMICALS: None
CPSC CLASSIFICATION: N/A
WHMIS HAZARD CLASS: None
EXPORT SCHEDULE: B/HTSUS: 3910.00 Silicones in Primary Form ECCN: EAR99
CALIFORNIA PROPOSITION 65: None
TSCA INVENTORY STATUS: All components of product are listed or exempt on the EPA TSCA inventory.

HAZARD RATING SYSTEMS:

HMIS (SCALE 0-4):

HEALTH: 1
FLAMMABILITY: 2
REACTIVITY: 1

NFPA (SCALE 0-4):

HEALTH: 1
FLAMMABILITY: 2
REACTIVITY: 1

SECTION 16: OTHER INFORMATION

This information is provided in good faith, and the contents are believed to be true and accurate, but no guarantee as to the inclusiveness nor accuracy is made. Anyone using this product should reference and understand the information provided on this document, and should make independent determinations as to the appropriateness, safe use, and proper disposal of this material. Misuse of this product can be harmful or fatal. Actions such as intentional placing in mouth, swallowing, placing on skin or eyes, and wrapping around neck or limbs should be avoided to prevent harm.

DATE OF MOST RECENT REVISION: April 22, 2016