

MATERIAL SAFETY DATA SHEET

MSDS DATE:08/09/08

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: POLYFIN
SYNONYMS: N/A
PRODUCT CODES: 19280-01
MANUFACTURER: ELECTRON MICROSCOPY SCIENCES
DIVISION: 1560 INDUSTRY ROAD/P.O. BOX 550
ADDRESS: HATFIELD, PA 19440

EMERGENCY PHONE: 215-412-8400
CHEMTREC PHONE: 800-424 -9300

FAX PHONE: 215-412-8450

CHEMICAL NAME: N/A
CHEMICAL FAMILY: N/A

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:

N/A

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
8002-74-2	N/A	N/A	
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	N/A	N/A	
OSHA PEL STEL :	N/A	N/A	
OSHA PEL CEILING:	N/A	N/A	
ACGIH TLV-TWA:	N/A	N/A	
ACGIH TLV STEL:	N/A	N/A	
ACGIH TLV CEILING:	N/A	N/A	

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY: INHALATION, SKIN, INGESTION

POTENTIAL HEALTH EFFECTS

EYES: IRRITANT

SKIN: IRRITANT

INGESTION: N/A

INHALATION: IRRITANT

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/A

CARCINOGENICITY

OSHA: N/A ACGIH: N/A NTP: N/A IARC: N/A

OTHER: N/A

SECTION 4: FIRST AID MEASURES

EYES: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION

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SKIN: WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, SEEK MEDICAL ATTENTION.

INGESTION: CALL PHYSICIAN

INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN OR ARTIFICIAL RESPIRATION, AS NEEDED.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A
F: N/A
C: N/A
METHOD USED: N/A

AUTOIGNITION TEMPERATURE: N/A
F: N/A
C: N/A

NFPA HAZARD CLASSIFICATION

HEALTH: N/A FLAMMABILITY: N/A REACTIVITY: N/A
OTHER: N/A

HMIS HAZARD CLASSIFICATION

HEALTH: N/A FLAMMABILITY: N/A REACTIVITY: N/A
PROTECTION: N/A

EXTINGUISHING MEDIA: WATER, CARBON DIOXIDE, DRY CHEMICAL POWDER, FOAM

SPECIAL FIRE FIGHTING PROCEDURES: FIREFIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS AND FULLY PROTECTIVE EQUIPMENT.

UNUSUAL FIRE AND EXPLOSION HAZARDS: USE WATER SPRAY TO DISPERSE VAPOR

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: WEAR SELF CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND GLOVES. RECOVER FREE WAX AND DISPOSE IN APPROPRIATE SOLID WASTE AREA. ADD ABSORBENT (SAND, VERMICULITE, SAWDUST) TO SPILL AREA, AS WAX FRAGMENTS ARE A SLIP HAZARD. COLLECT ABSORBANT AND DISPOSE IN THE SAME MANNER AS RECOVERED MATERIAL. WASH AND VENTILATE SPILL SITE AFTER PICKUP IS COMPLETE

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: CARE MUST BE TAKEN WHEN HANDLING MOLTEN PRODUCT TO PREVENT BURNS AND AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE. WASH THOROUGHLY AFTER HANDLING. KEEP STORAGE CONTAINER TIGHTLY CLOSED. AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE. WASH THOROUGHLY AFTER HANDLING.

OTHER PRECAUTIONS: N/A

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION: MECHANICAL VENTILATION

RESPIRATORY PROTECTION: OSHA/MHSN APPROVED RESPIRATOR IF NEEDED.

EYE PROTECTION: SAFETY GOGGLES

SKIN PROTECTION: RUBBER GLOVES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: SAFETY SHOWER AND EYE BATH

WORK HYGIENIC PRACTICES: N/A

EXPOSURE GUIDELINES: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: OPAQUE WHITE

ODOR: ODORLESS

PHYSICAL STATE: SOLID

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT: N/A

F: N/A

C: N/A

MELTING POINT:

F: N/A

C: 53-62 DEG

FREEZING POINT: N/A

F: N/A

C: N/A

VAPOR PRESSURE (mmHg): N/A

@

F: N/A

C: N/A

VAPOR DENSITY (AIR = 1): N/A

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F: N/A

C: N/A

@

F: N/A

C: N/A

EVAPORATION RATE: N/A

BASIS (=1): N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: INSOLUBLE

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE: N/A

BY WT/ BY VOL @

F: N/A

C: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

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WITH WATER: N/A LBS/GAL
WITHOUT WATER: N/A LBS/GAL

MOLECULAR WEIGHT: N/A
VISCOSITY: N/A

@

F: N/A
C: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): HIGH TEMPERATURE

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: TOXICOLOGICAL PROPERTIES ARE NOT ESTABLISHED FOR THIS MATERIAL.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: COMPLY WITH FEDERAL, STATE, LOCAL REGULATIONS.

RCRA HAZARD CLASS: N/A

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: N/A

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

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AIR TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES: N/A

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: N/A

313 REPORTABLE INGREDIENTS: N/A

STATE REGULATIONS: N/A

INTERNATIONAL REGULATIONS: N/A

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: N/A

PREPARATION INFORMATION: N/A

DISCLAIMER: IN COMPLIANCE WITH THE OSHA HAZARD COMMUNICATION STANDARD, 2.9 C.F.R 1910. 1200, WE ARE PROVIDING YOU WITH A MSDS FOR THE HAZARDOUS MATERIAL YOU ARE PURCHASING.

IT IS YOUR RESPONSIBILITY TO EDUCATE YOUR EMPLOYEES ON THE SAFE USE OF THE HAZARDOUS MATERIAL.

ELECTRON MICROSCOPY SCIENCES MAKES NO PRESENTATION AS TO THE ACCURACY OF THE INFORMATION IN THE MSDS. THE INFORMATION IS BELIEVED TO BE CORRECT; HOWEVER, YOU (THE CUSTOMER), SHOULD PERFORM YOUR OWN INVESTIGATION AND INDEPENDENT VERIFICATION. IF YOU RESELL THE PRODUCT, YOU ARE RESPONSIBLE TO FORWARD THE INFORMATION IN THE MSDS TO YOUR CUSTOMER.