

MATERIAL SAFETY DATA SHEET

MSDS DATE:07/30/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: TECHNOVIT 9100 POWDER NEW
SYNONYMS: N/A
PRODUCT CODES: 14655

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 -4300

FAX PHONE: 215-412-8450

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

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT:
PLEXIDON MW 235

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
N/A	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: N/A

ROUTES OF ENTRY: N/A

POTENTIAL HEALTH EFFECTS
EYES: N/A

SKIN: N/A

INGESTION: N/A

INHALATION: N/A

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

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SECTION 4: FIRST AID MEASURES

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

SKIN: THE PRODUCT IS NOT SKIN IRRITATING

INGESTION: INITIATE VOMITING AND CONSULT A DOCTOR

INHALATION: N/A

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

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

HMS HAZARD CLASSIFICATION

HEALTH: N/A

FLAMMABILITY: N/A

REACTIVITY: N/A

PROTECTION: N/A

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: NO SPECIAL MEASURES REQUIRED

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: NO SPECIAL MEASURES REQUIRED. COLLECT MECHANICALLY. NO DANGEROUS MATERIALS ARE RELEASED

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: NO SPECIAL MEASURES REQUIRED

OTHER PRECAUTIONS: N/A

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

VENTILATION: N/A

RESPIRATORY PROTECTION: NOT REQUIRED

EYE PROTECTION: NOT ABSOLTELY NECESSARY

SKIN PROTECTION: NOT REQUIRED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: LIGHT WEIGHT PROTECTIVE CLOTHING

WORK HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING BEFORE REUSE.

EXPOSURE GUIDELINES:N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: COLOURLESS

ODOR: ODORLESS

PHYSICAL STATE: POWDER

pH AS SUPPLIED: N/A

pH (Other): N/A

BOILING POINT: N/A

F: N/A

C: N/A

MELTING POINT: N/A

F: N/A

C: N/A

FREEZING POINT: N/A

F: N/A

C: N/A

VAPOR PRESSURE (mmHg): N/A

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F: N/A

C: N/A

VAPOR DENSITY (AIR = 1): N/A

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F: N/A

C: N/A

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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: UNSOLUBLE

PERCENT SOLIDS BY WEIGHT: 100.0%

PERCENT VOLATILE: N/A

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BY WT/ BY VOL @

F: N/A

C: N/A

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

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

MOLECULAR WEIGHT: N/A

VISCOSITY: N/A

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F: N/A

C: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY): NO DECOMPOSITION IF USED AND STORED ACCORDING TO SPECIFICATIONS

INCOMPATIBILITY (MATERIAL TO AVOID): NO DANGEROUS REACTIONS KNOWN

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:): NO DECOMPOSITION IF USED AND STORED ACCORDING TO SPECIFICATIONS

HAZARDOUS POLYMERIZATION: NONE

CONDITIONS TO AVOID (POLYMERIZATION): NONE

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: ACUTE TOXICITY: PRIMARY IRRITANT EFFECT:

ON THE SKIN: NO IRRITANT EFFECT

ON THE EYE: NO IRRITANT EFFECT

SENSITIZATION: NO SENSITIZING EFFECT KNOWN

ADDITIONAL INFORMATION: WHEN USED AND HANDLED ACCORDING TO SPECIFICATIONS, THE PRODUCT DOES NOT HAVE ANY HARMFUL SIDE EFFECTS ACCORDING TO OUR EXPERIENCE AND THE INFORMATION PROVIDED TO US. THE MATERIAL IS NOT SUBJECT TO CLASSIFICATION ACCORDING TO EC LISTS IN THE LAST VERSION.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: WATER HAZARD CLASS 1 (CALCULATED ACCORDING TO V_wV_{wS}): SLIGHTLY HAZARDOUS FOR WATER. DO NOT ALLOW UNDILUTED PRODUCT OR LARGE QUANTITIES OF IT TO REACH GROUND WATER, WATER BODIES OR SEWAGE SYSTEM.

SECTION 13: DISPOSAL CONSIDERATIONS

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

RCRA HAZARD CLASS: 1

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SMALLER QUANTITIES CAN BE DISPOSED WITH HOUSEHOLD GARBAGE. PACKAGING CAN BE REUSED OR RECYCLED AFTER CLEANING.

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: N/A
HAZARD CLASS: 1
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: N/A

WATER TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS: SAME
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS: SAME
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

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: WATER HAZARD CLASS 1(CALCULATED ACCORDING TO VwVws): SLIGHTLY HAZARDOUS FOR WATER.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

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.