

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT OC THREE Oxygen Compatible Thread Sealer

FILE NO.: B

MSDS DATE: 12/15/10

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: OC THREE
SYNONYMS Oxygen Compatible Thread Sealer
PRODUCT CODES: MPT 73

MANUFACTURER: MPT INDUSTRIES
ADDRESS: 6-B Hamilton Business Park
85 Franklin Road
Dover NJ 07801

EMERGENCY: PHONE: 973-989-9220
FAX PHONE: 973-989-9234

CHEMICAL NAME Aqueous Paste & Filler of PTFE
CHEMICAL FAMILY: Mixture

PRODUCT USE: Thread Sealer

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Non-Hazardous ingredients according to US OSHA Hazard Communication Standard 29 CFR1910.1200		

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: If PTFE polymer becomes thermally decomposed, inhalation may cause dizziness or nauseousness.

ROUTES OF ENTRY:

EYES: Contact with eyes can cause mechanical irritation

SKIN: May cause irritation to extremely sensitive skin.

INGESTION: No ill effects are expected.

INHALATION: May cause respiratory irritation if over heated.

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None Known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

SECTION 4: FIRST AID MEASURES

EYES: Remove contact lenses if present. Flush eyes with cool, clean low-pressure water while lifting and lowering eyelids. Seek medical attention if excessive tearing, redness, or pain persists.

SKIN: Wash exposed skin with soap and water

INGESTION: If conscious, drink three to four 8-ounce glasses of milk. Call physician

INHALATION: If symptoms of irritation or discomfort are experienced, remove to fresh air. If thermal decomposition of product is suspected, seek emergency medical attention.

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SECTION 5: FIRE-FIGHTING MEASURES

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

FLASH POINT:

F: N/A

C:

METHOD USED:

AUTOIGNITION TEMPERATURE:

F: N/A

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

HMIS HAZARD CLASSIFICATION

HEALTH: 1

FLAMMABILITY: 0

REACTIVITY: 0

EXTINGUISHING MEDIA: Water (spray, stream, fog) dry chemical CO₂, use SCBA.

HAZARDOUS DECOMPOSITION PRODUCTS: Fluoropolymers will degrade upon prolonged heating or in a fire, liberating Carbonyl Fluoride a Hydrogen Fluoride (HF). This gas is toxic if inhaled or comes in contact with moist skin.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: None Hazardous. Scoop up material. Dispose of according to State and Federal laws. Spill area may be slippery, use caution.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Do not store below 35 F 1.6 C, if product freezes it is not recoverable...

OTHER PRECAUTIONS: Keep container closed when not using. If foul odor is detected or black spots are present, the product has spoiled and should be discarded.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None under normal conditions of use.

VENTILATION: None under normal conditions of use.

RESPIRATORY PROTECTION: None under normal conditions of use.

EYE PROTECTION: None under normal conditions of use.

SKIN PROTECTION: None under normal conditions of use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None under normal conditions of use.

WORK HYGIENIC PRACTICES: Wash hands after using, do not smoke before washing,

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White

ODOR: No odor

PHYSICAL STATE: Soft paste

pH AS SUPPLIED: N/A

BOILING POINT:

F: N/A

C:

MELTING POINT:

F: N/A

C:

FREEZING POINT:

F: 32

C: 0

SOLUBILITY IN WATER: Yes

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Heat, flames, thermal decomposition over 800 degrees F

INCOMPATIBILITY (MATERIAL TO AVOID): None known. Inert to practically all chemicals, water-soluble.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition of this product will generate fluorocarbon gases, especially Terafluoethylene. Gases are harmful if inhaled in sufficient quantities.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: No toxicology data is available for this product. Similar products have not exhibited acute toxicological effects.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: No ecotoxicological information is available for this information.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: It is the responsibility of the individual using this product to follow local, State and Federal regulation for the proper disposal of this product and containers.

RCRA HAZARD CLASS: It is the responsibility of the user to determine if this material is a RCRA Hazardous Waste at the time of disposal.

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SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

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

WATER TRANSPORTATION

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

AIR TRANSPORTATION

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

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed on TSCA section 8 (b)

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No

311/312 HAZARD CATEGORIES: No

313 REPORTABLE INGREDIENTS: No

STATE REGULATIONS: No

INTERNATIONAL REGULATIONS: No

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

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