

# 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

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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

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<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

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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

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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

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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 CO<sub>2</sub>, 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

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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

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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

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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

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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

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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

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

## SECTION 12: ECOLOGICAL INFORMATION

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

## SECTION 13: DISPOSAL CONSIDERATIONS

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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

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### 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

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### 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

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### OTHER INFORMATION:

### PREPARATION INFORMATION:

**DISCLAIMER:** Information presented herein has been compiled from source considered to be accurate and dependable to the best of our knowledge and belief but is not guaranteed to be so. Nothing herein is to be construed as recommending any practice or any product in violation of any law or regulation. It is the user's responsibility to determine the suitability of any material for a specific purpose and to adopt such safety precautions as necessary. Since conditions of use are not under our control, we must disclaim all liability with respect to the use and disposal of our products.