

# MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT : MPT OC FIVE and OC SEVEN Oxygen Compatible Thread Sealer  
Lubricant and Vacuum Grease

FILE NO.: B

MSDS DATE: 01/02/09

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: MPT OC Five and Seven  
SYNONYMS: Pipe Thread Sealer and Vacuum Grease  
Part # : MPT-75 / 76 / 77 / 78  
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: Not Applicable  
CHEMICAL FAMILY: Mixture

PRODUCT USE: Thread Sealer / Vacuum Grease

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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

## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: Non-Hazardous under normal conditions of use. Thermal decomposition will generate Hydrogen Fluoride (HF) which is corrosive.

### ROUTES OF ENTRY:

EYES: Contact with eyes can cause irritation

SKIN: May cause irritation to extremely sensitive skin.

INGESTION: None known.

INHALATION: May cause reparatory irritation, if over heated.

ACUTE HEALTH HAZARDS: None Know

CHRONIC HEALTH HAZARDS: None Know

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Know

## 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: Try to induce vomiting, seek medical help.

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 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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: pick up spilled material with absorbent, (vermiculite). Dispose of according to State and Federal laws. spill area may be slippery use caution.

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: No special handling, keep container closed when not using.

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## 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 if stored properly

PHYSICAL STATE: Soft paste

pH AS SUPPLIED: N/A

BOILING POINT:

F: 390

C: 200

MELTING POINT:

F: N/A

C:

FREEZING POINT:

F: N/A

C:

SOLUBILITY IN WATER: Negligible

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## SECTION 10: STABILITY AND REACTIVITY

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STABILITY: Stable

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

INCOMPATIBILITY (MATERIAL TO AVOID): Reacts with active metals like Sodium and Potassium , amines including additives. Liquid Fluorine Liquid Chlorine Trifluoride. Caution should be used with Aluminum and Magnesium under conditions of shear force as those found in threaded connections

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

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## 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.

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## SECTION 12: ECOLOGICAL INFORMATION

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

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## 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

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## 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

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## 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.