



Oxygen Compatible OC Three PTFE Paste Joint and Thread Sealer

Solutions for critical and demanding applications where no flammability, compatibility with oxygen and resistance to aggressive chemicals are essential.

OC Three PTFE Paste Joint and Thread Sealer is an aqueous based PTFE formulation. It is a homogenous white paste that penetrates thread convolutions more effectively, and more safely, than PTFE tape. Tested, approved and certified by BAM for gaseous and liquid oxygen service. Use in extreme temperatures (-400° F to +500° F). Recommended for use in mid vacuum specifications to 10⁻³ Torr and in pressures up to 10,000 psi in fuel systems.



A superior PTFE thread sealant paste that contains these optimal properties:

Water Soluble	Anti-Galling	Anti-Corrosive
Anti-Seize	Chemically Inert	Non-Toxic
Non-Flammable	Non-Migrating	Odorless



OC Three is NSF registered for use in food processing facilities.

Easy to apply from its 4 oz. (113.4 gram) squeeze tube with extended nipple and resealing cap. Also available in a 22.9 oz (650 gram) jar.

Use **OC Three** for applications involving acetylene, hydrogen, hydrogen peroxide, carbon dioxide, gasoline, diesel fuel, kerosene, propane, helium, oxygen (gaseous and liquid), and to seal valves in bottled gases.

Store **OC Three** in closed containers near room temperature. Do not allow product to freeze prior to application.

OC Three is compatible with many aggressive chemicals including:

Acetylene	Helium	Phosphoric Acid
Aluminum Chloride	Hydraulic Oils	Potassium Perchlorate
Ammonium nitrate	Hydrogen	Potassium Persulfate
Ammonium Perchlorate	Hydrogen Bromide	Propane (liquid & gaseous)
Antimony Trichloride	Hydrogen Peroxide (all concentrations)	Propylene Oxide
Bromine	Hydrogen Sulfide	Silane
Calcium Hypochlorite	Hydriodic Acid	Silicone Tetrachloride
Carbon Dioxide	Iodine	Sodium Hypochlorite
Chlorosilanes	Muriatic Acid	Sodium Perchlorate
Chlorosulfonic Acid	Nitric Acid	Sulfur Dioxide
Chromic Acid	Nitrogen Oxides	Sulfur Trioxide
Diesel Fuel	Oleum	Sulfuric Acid
Ethylene	Oxygen (liquid & gaseous)	Titanium Tetrachloride



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Oxygen Compatible OC Five Paste and OC Seven & Nine Greases

Solutions for critical and demanding applications where no flammability, compatibility with oxygen and resistance to aggressive chemicals are essential.

OC Five Paste and OC Seven & Nine Greases are blended formulations consisting of PTFE particles and PCTFE which produce superior products that are chemically inert and environmentally safe. OC products have been tested and certified by the German Federal Institute for Materials Testing (BAM) for gaseous and liquid oxygen service.

OC Five Paste and OC Seven & Nine Greases can be used in high vacuum 10⁻⁷ Torr applications or high pressure applications where exposure to corrosive gases or liquids will be probable. **OC Nine Grease** is a less viscous versions of **OC Seven Grease** with similar properties. OC products are superior sealants and lubricants designed for use in a wide range of vacuum and industrial applications. These off-white homogenous paste and grease formulations provide unique sealing and lubricating solutions as their properties remain unaltered over wide temperature ranges – from extremely low cryogenic temperatures to high heat applications exceeding 500° F.

OC Five, Seven, and Nine provide these optimal properties:

- | | | |
|----------------------|-----------------------|---------------------|
| Non-flammable | Odorless | Anti-galling |
| Non-migrating | Waterproof | Anti-seize |
| Non-toxic | Anti-corrosive | Dielectric |



OC Five Paste (S2) and OC Seven & Nine Greases (H2) are registered for use in food processing facilities.

Cost effective for liquid oxygen, liquid nitrogen, cryogenic and vacuum applications to prevent and reduce component and equipment failures, maintenance, and downtime.

Use **OC Five Paste** to seal threaded connections involving aggressive chemicals, industrial gases, medical devices, chlorine systems, cryogenics, nuclear applications, and more. **OC Seven** and **OC Nine Greases** are recommended for lubricating O-rings, valves, bearings, pumps, stopcocks, and more.

Available in 2 oz. (57 gram) and 16 oz. (454 gram) jars with resealable lid, as well as 7 oz. syringes for ease of use and storage.

OC Five Paste and OC Seven & Nine Greases are compatible with many aggressive chemicals including:

- | | | |
|--------------------------------|--|---------------------------------------|
| Acetylene | Chromic Acid | Oleum |
| Aluminum Chloride | Ethylene | Oxygen (liquid & gaseous) |
| Ammonium Hydroxide | Fluorine (gaseous) | Phosphoric Acid |
| Ammonium Nitrate | Fuming Nitric Oxide | Potassium Perchlorate |
| Ammonium Perchlorate | Helium | Potassium Persulfate |
| Anhydrous Ammonia | Hydrogen | Propane |
| Antimony Trichloride | Hydrogen Bromide | Propylene Oxide |
| Boron Trichloride | Hydrogen Fluoride | Silane |
| Boron Trifluoride | Hydrogen Peroxide (all concentrations) | Silicone Tetrachloride |
| Bromine | Hydrogen Sulfide | Sodium |
| Bromine Trifluoride (gaseous) | Hydriodic Acid | Sodium Hydroxide (all concentrations) |
| Calcium Hypochlorite | Iodine | Sulfur Trioxide |
| Carbon Dioxide | Muriatic Acid | Sulfuric Acid |
| Chlorine Trifluoride (gaseous) | Nitric Acid | Titanium Tetrachloride |
| Chlorosilanes | Nitrogen Oxides | Uranium Hexafluoride |
| Chlorosulfonic Acid | Nitrogen Trifluoride | |



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