

### TECHNICAL DATA

2013

#### Description

A dark green, opaque, viscous, non-hardening, textured paste with PTFE.

#### Type

Slow-drying, soft-setting, non-toxic, brushable, without grit. Cures by solvent evaporation providing a durable, long-lasting seal that can be easily disassembled.

#### Typical Uses

Especially designed for ethanol blended gasoline including E10, E20 & E85.

#### Substrates

Can be used on brass, copper, stainless steel, aluminum, black pipe, tin, galvanized pipe, ABS plastic, CPVC, nylon, PVC, polyethylene, polypropylene and more.

#### Chemical Resistance

Excellent resistance to ethanol blended gasoline, kerosene, petroleum solvents, diesel fuel, propane, butane, LPG, water, cutting oils. NOT oxygen.

#### Set Time

None. For immediate service  
Dries to the touch 48-72 hour

#### Packaging

Available in 1/4 pint, 1/2 pint and pint cans with brush-top lids.

**For Chemical Emergency, Spill, Leak,  
Fire, Exposure or Accident Call:  
CHEMTREC - Day or Night. 1-800-424-9300  
KEEP OUT OF THE REACH OF CHILDREN**

### Product Data Sheet

#### Safety

Contains no lead, is non-toxic, not a skin sensitizer, and is non-corrosive.

**Shelf Life:** One year in original containers, when stored at room temperature at or below 80°F (27°C)

**Wt./Gal.:** 11.35 lbs

**Color:** Medium/Green

**Clean Up:** Hand cleaner or alcohol.

#### Temperature Range

-100°F to 600°F (-73°C to 316°C)  
Allow to dry thoroughly before exposing to high temperatures. Remains usable in sub-zero weather.

#### Pressure Range

Up to 10,000 psi when sealing liquids and up to 3,000 psi with gases. Allow to dry, if possible, before subjecting to pressure.

The information presented is in good faith, but no warranty is given, nor are results guaranteed. Federal Process has no control over physical conditions surrounding application conditions. Federal Process disclaims any liability for untoward results.



FEDERAL PROCESS  
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[www.gasoila.com](http://www.gasoila.com)

MSDS Sheets Available Online

#DS-ES

# Gasoila® Quick and Easy Sealant Reference Guide

## Soft-Set

- General Purpose, Top-selling Sealant
- Perfect for New Pipes
- Stays Pliable in Cold Temperatures
- Non-Hardening,
- Non-Separating
- Non-Toxic

## E-Seal

- Specifically for E10 and E85
- Stays Pliable in Cold Temperatures
- Non-Hardening,
- Non-Separating
- Non-Toxic

## Hard-Set

- Hard Setting Sealant
- Assembles Threaded Joints Permanently
- Excellent for Coating Surfaces.
- Impervious to Gasoline
- Flammable

## PLS-2

- Ideal for Demanding Pneumatic and LPG Applications

## 100

- Ideal for use on Systems with 100% Methanol, Ethanol, Alcohol and Highly Corrosive Chemicals
- Soft Setting

## JC-30

- For Damaged, Irregular, Mis-cut and Straight Threads
- Vegetable Oil Base
- Thick Consistency, 10-15% more Solids than Conventional Sealants

## NT

- Soft Setting for Applications Requiring Grit-Free, Non-PTFE Compound
- No Fillers to Contaminate Gas Lines
- For use when Non-PTFE Sealant is Preferred

## FasSeal ATS

Anaerobic Thread Sealant that cures in Absence of Oxygen • Ideal for Refrigeration or other High Vibration Applications • High Speed Curing Time • Vibration Resistant.

TYPE APPLICATIONS USED BY USED ON APPROVALS

TYPE	APPLICATIONS	USED BY	USED ON	APPROVALS
Blue Gray Paste with PTFE	Water, Steam, Natural Gas, LPG, Propane, Gasoline, Butane *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Mechanical Contractors</li> <li>• Plumbers</li> <li>• Gas Utilities</li> <li>• Service Station Installers</li> <li>• Manufacturing Plants</li> </ul>	All Metals and Most Plastics	CSA, UL NSF 61 NSF 14
Green Paste with PTFE	Ethanol Blended Gasoline, including E10 and E85 (*NOT 100% Ethanol applications) *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Gas Station Installers</li> </ul>	All Metals	UL
Red Varnish	Aliphatic, Aromatic and Chlorinated Solvents *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Auto Industry to Seal Drive Trains, Coat parts</li> <li>• Contractors Installing Underground Piping, Steam Systems</li> <li>• Marine Manufacturers</li> </ul>	All Metals, Rubber, Porcelain, Wood	UL
Gray Paste with PTFE	Chlorine, Diesel, Jet Fuel, Steam, Dilute Acid, LPG *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Chemical Plants,</li> <li>• Gas Utilities</li> <li>• Refineries</li> <li>• Airlines, Hydraulics</li> <li>• Tank Trucks</li> </ul>	All Metals and Most Plastics	CSA UL
Black Paste	High Concentrations of Alcohol, Solvents, Caustic Chemicals 100% Ethanol 100% Methanol *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Pharmaceutical</li> <li>• Chemical Companies</li> </ul>	All Metals and Fiberglass *Not for Use on Plastic Pipe *Threads must be Clean Prior to use	
Oyster White Paste with PTFE	Water, Steam, Natural Gas, LPG, Propane, Gasoline, Freon 22 and Hydraulic Fluids *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Plumbers,</li> <li>• Gas Utilities</li> <li>• Manufacturing Plants</li> </ul>	All Metals	
Dark Blue Paste without PTFE	Water, Steam, LPG, Propane, Gasoline *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• Propane Companies</li> <li>• Petroleum Companies</li> </ul>	All Metals and Most Plastics	NSF 61 NSF 14
Smooth White Paste with PTFE	Air Conditioning Lines, Hydraulic-Pneumatic Lines, Air Compressor Hoses, Sprinkler Installations *Not for Use with Oxygen systems	<ul style="list-style-type: none"> <li>• HVAC</li> <li>• Refrigeration Companies</li> </ul>	Metals *Not for Use on Plastic Pipe	UL

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