

# STEEL-UNYTE

## PIPE JOINT, THREAD AND GASKET SEALER

### ST-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**STEEL-UNYTE** Hard Set Pipe Joint, Thread and Gasket Sealer.

##### TYPE

**STEEL-UNYTE** is a hard-set, semi-liquid, dark gray pipe joint, thread and gasket compound that produces a leakproof seal on all types of metal threaded connections.

#### RECOMMENDED USES

**STEEL-UNYTE** is suitable in sealing all metal threaded pipe fittings, flanged gasket fittings, tanks of all types, including gasoline, tank seams, pumps, electrical transmission equipment, gasoline and diesel engines. **STEEL-UNYTE** seals tightly but allows for disassembly without damage to parts. **STEEL-UNYTE** remains flexible so heavy vibration will not loosen connections. Suitable for use on systems carrying:

Acids, Dilute	Lacquer
Air, Compressed	L P Gases
Alkalis, Dilute	Manufactured
Ammonia	Gases
Aliphatic Solvents	Mineral Oils
Brine	Naphtha
Butane	Natural Gas
Carbon Dioxide	Nitrogen Gas
Castor Oils	Petroleum
Chlorinated Water	Solvents
Cutting Oils	Propane
Diesel Fuel Oil	Refrigeration
Freons (All)	Gases
Gasoline	Rylol
Heating Oils	Soap, Liquid
Helium, Gaseous	Steam Lines
Hydraulic Oils	Sugar, Liquid
Inert Gases	Vegetable Oils
Jet Fuel	Water
Kerosene	

#### COLOR/CONSISTENCY

Dark Gray semi-liquid of smooth grit-free consistency.

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This product is manufactured in the U.S.A.

#### ENVIRONMENTAL STATEMENT

**STEEL-UNYTE** is formulated with non-toxic inert oils and is free from halogens and any lead containing ingredients.

#### DRYING TIME

Allow 5 minutes to air-dry prior to assembly.

#### TEMPERATURE RANGE USE

##### Gases:

-50°F (-45°C) to 400°F (204°C)

##### Liquids:

-50°F (-45°C) to 400°F (204°C)

##### Brushable to:

-50°F (-45°C)

#### PRESSURE RANGE USE

##### Gases:

up to 2,500 PSI (175.8 kg/cm<sup>2</sup>)

##### Liquids:

up to 10,000 PSI (703.1 kg/cm<sup>2</sup>)

#### FOR USE ON THREADED:

All types of metal.

#### CORROSIVENESS

Non-corrosive. **STEEL-UNYTE** prevents the corrosion of flanges and threads.

#### FLASH POINT:

TTC 58°F (14.4°C)

#### IGNITION TEMPERATURE:

901°F (482.8°C)

#### ELECTRICAL RESISTANCE

Less than 0.005 ohm.

#### U.S. MILITARY SPECIFICATIONS

**STEEL-UNYTE** exceeds MIL-S-7916B.

#### PACKAGING

##### U.S. Measure:

Stock Code	Size
<b>Brush Top Can</b>	
ST8	½ pint (237 ml)
ST16	1 pint (473 ml)
ST32	1 quart (.95 L)
<b>1 Gallon Metal Can w/ Handle</b>	
ST1	1 gal. (3.785 L)
<b>5 Gallon Plastic Pail w/ Handle</b>	
ST5	5 gal. (18.9 L)
<b>55 Gallon Open Head Steel Drum</b>	
ST55	55 gal. (208 L)

#### WEIGHT PER U.S. GALLON

11.7 lbs. (5.3 kg) ± 0.2

#### SHIPPING WEIGHT PER CASE

Stock#	Case Weight	#/Case
ST8	23 lbs. (10.4 kg)	24/case
ST16	22 lbs. (10.0 kg)	12/case
ST32	43 lbs. (19.5 kg)	12/case
ST1	46 lbs. (20.9 kg)	4/case
ST5	65 lbs. (29.5 kg)	1 each
ST55	640 lbs. (290.3 kg)	1 each

#### DIRECTIONS FOR USE

Keep container closed when not in use.

#### THREADED CONNECTIONS:

1. Stir well before using.
2. Clean oil, dirt, grease, or any foreign material from threads.
3. Brush liberally onto male threads.
4. Allow to set for 5 minutes.
5. Make up joint in a normal manner.

#### FLANGE CONNECTIONS:

1. Stir well before using.
2. Clean oil, dirt, grease, or any foreign material from surface of flange and gasket.
3. Coat both sides of flange and gasket.
4. Allow to set for 5 minutes.
5. Assemble in a normal manner.

#### WARNING !!!

**COMBUSTIBLE MIXTURE. DO NOT USE NEAR HEAT, SPARKS OR OPEN FLAME. DO NOT APPLY TO HOT SURFACES. KEEP OUT OF REACH OF CHILDREN.**



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