

# BLUE MAGIC

## INDUSTRIAL GRADE PIPE THREAD COMPOUND

### IG-SPEC

#### PRODUCT DESCRIPTION

##### PRODUCT

**BLUE MAGIC** Industrial Grade Pipe Thread Compound

##### DESCRIPTION

**BLUE MAGIC** is an all-purpose, non-seizing, industrial grade thread sealing compound that produces a leakproof seal on all types of metal and plastic threaded connections. **BLUE MAGIC** is a smooth, grit free, completely homogenized, blue industrial grade paste.

- Non-Separating
- Grit Free
- Non-Toxic
- Easy Cleanup
- Adheres to Oily Threads
- Excellent for Stainless Steel

##### RECOMMENDED USES

**BLUE MAGIC** will not transfer any taste or odor to the system being sealed. Excellent for food and water systems. **BLUE MAGIC** will never harden, and is an anti-galling compound making it possible to disassemble pipes and bolts easily after years of service. Suitable for PVC and CPVC. Suitable for use on systems carrying:

Acids, Dilute	Hydrogen
Air, Compressed	Inert Gases
Aliphatic Solvents	Jet Fuel
Alkalis, Dilute	Kerosene
Ammonia	Lacquer
Brine	L P Gases
Butane	Mineral Oils
Carbon Dioxide	Naphtha
Castor Oils	Natural Gas
Caustic Alkali (Dilutes)	Nitrogen Gas
Chlorinated Water	Petroleum Oils
Coal Tar Naphtha	Petroleum
Corrosives	Solvents
Cutting Oils	Potable Water
Diesel Fuel Oil	Propane
Fatty Acids	Refrigeration
Freons (All)	Gases
Gasohol	Soap, Liquid
Gasoline <sup>^</sup>	Steam Lines
Glycol	Sugar, Liquid
Heating Oils	Vegetable Oils
Helium, Gaseous	Water
Hydraulic Oils	Xylo

##### IG-SPEC

© 2018 J.C. Whitlam Manufacturing Company  
This product is manufactured in the U.S.A.

#### COLOR/CONSISTENCY

Light blue brushable paste of smooth, grit free consistency. **BLUE MAGIC** has an indefinite shelf life.

#### TEMPERATURE RANGE USE

**Gases:**  
-50°F (-46°C) to 400°F (204°C)

**Liquids:**  
-50°F (-46°C) to 400°F (204°C)

**Brushable to:**  
-50°F (-46°C)

#### PRESSURE RANGE USE

**Gases:**  
up to 3,000 PSI (211 kg/cm<sup>2</sup>)

**Liquids:**  
up to 6,000 PSI (422 kg/cm<sup>2</sup>)

#### DRYING TIME\*

The system may be pressurized immediately after assembly. Soft set, non-hardening.

#### FOR USE ON THREADED

ABS, PVC, CPVC, Delrin\*, Zytel\*, Fiberglass, Nylon, Polypropylene, Polybutylene, Polyethylene, Celcon\*\*, Cyclocac\*\*\*, and all types of metal.

#### CORROSIVENESS

**BLUE MAGIC** is non-corrosive, and prevents the corrosion and seizing of threads.

#### U.S. FEDERAL SPECIFICATIONS

**BLUE MAGIC** exceeds TT-S-1732.

Meets International Fuel Gas Code 403.9.3 for Thread Joint Compounds.

#### ENVIRONMENTAL STATEMENT

**BLUE MAGIC** is formulated with non-toxic inert oils and is free from any lead containing ingredients.

#### WEIGHT PER U.S. GALLON

11.9 lbs. (5.4 kg) ± 0.2

#### PACKAGING

##### U.S. Measure:

<u>Stock Code</u>	<u>Size</u>
<b>Squeeze Tube</b>	
IG2	2 oz. (.056 kg)
<b>Brush Top Can</b>	
IG4	¼ pint (118 ml)
IG8	½ pint (237 ml)
IG8A (display box)	½ pint (237 ml)
IG16	1 pint (473 ml)
IG32	1 quart (.95 L)
<b>1 Gallon Metal Can w/ Handle</b>	
IG1	1 gal. (3.785 L)
<b>5 Gallon Plastic Pail w/ Handle</b>	
IG5	5 gal. (18.9 L)
<b>55 Gallon Open Head Steel Drum</b>	
IG55	55 gal. (208 L)

#### SHIPPING WEIGHT PER CASE

<u>Stock Code</u>	<u>Case Weight</u>	<u>#/Case</u>
IG2	11 lbs. (5.0 kg)	72
IG4	15 lbs. (6.8 kg)	24
IG8	24 lbs. (10.9 kg)	24
IG8A	13 lbs. (5.9 kg)	12
IG16	22 lbs. (10.0 kg)	12
IG32	42 lbs. (19.1 kg)	12
IG1	53 lbs. (24.0 kg)	4
IG5	65 lbs. (29.5 kg)	1
IG55	640 lbs. (290.3 kg)	1

#### DIRECTIONS FOR USE

1. Stir well before using.
2. Brush liberally onto male threads.
3. Make up joint in a normal manner.

On large diameter pipe 2" (5.08 cm) and up, first wrap the pipe threads with two or more thicknesses of **Tape-Unyte®** PTFE Tape, and then apply **BLUE MAGIC** over the tape.



Underwriters' Laboratories of Canada Listed for Natural Gas, Gasoline, Petroleum Oils, Propane & Butane



Meets NSF Standard 14 & NSF Standard 61

pw-G/dww/sw



**WHITLAM**  
The Industry Standard for Over 100 Years

P.O. Box 380 • Wadsworth, OH 44282 U.S.A.  
Phone: 1-330-334-2524 • FAX 1-330-334-3005  
Email: [info@jcwhitlam.com](mailto:info@jcwhitlam.com)  
Website: [www.joinpipe.com](http://www.joinpipe.com)

\*DuPont registered trademarks. \*\*Celanese registered trademark. \*\*\*General Electric Plastics registered trademark.

The information contained in this bulletin is correct to the best of our knowledge. The recommendations or suggestions herein are made without guarantee or representation as to result, since the conditions of use are beyond our control. We suggest that you evaluate the recommendations contained in this bulletin. No statement is to be construed as violating any copyright or patent. They are intended only as a source of information. \*Note: Both set time and cure time are affected by humidity and temperature and may vary greatly ±.