



# Global Specialty Products

USA, Inc

## **INK BLASTER™ - FG**

The *ULTIMATE* ink and adhesive remover for the Flexographic Printing Industry

### APPLICATION:

Performance, safety, low cost “Drop-In” replacement for Ketones, Aromatics and Chlorinated Solvents make **INK BLASTER™ - FG** the best and only ink remover and general cleaner at your shop. Ink Blaster - FG is an environmentally safe ink remover specifically designed to remove water, oil, UV-cured and solvent based inks and varnishes. This product is non-flammable, water soluble, biodegradable, recyclable and reusable. It provides fast, residue free and complete removal of cured or uncured inks and varnishes from flexographic press equipment, such as doctor blades, filters, lockup holders, fittings, connectors, ink pans, transfer pails, drums, anilox rollers and other press equipment can be cleaned safely and effectively. **INK BLASTER™ - FG** eliminates disposal costs by recycling the spent material via vacuum distillation.

### BENEFITS:

- ◆ **Cost Effective**
- ◆ **Simple Cleaning Process, Use As Is**
- ◆ **Superb Performance, More Efficient Than Methylene Chloride, Toluene and Ketones**
- ◆ **Low Toxicity, No Harmful Fumes**
- ◆ **Recyclable, Reclaimable and Reusable, Lower Disposal Cost**
- ◆ **Non-Carcinogenic, Eliminates Regulatory Issues**

### CLEANING PROCESS:

**INK BLASTER™ - FG** has a high boiling point and low vapor pressure. It evaporates 200 times slower than acetone and MEK. Due to its low rate of evaporation, it effectively cleans cured and uncured inks and varnishes. Use **INK BLASTER™ - FG** full strength at room temperature or a maximum of 150 °F in an immersion tank with or without ultrasonic cavitation, spray under immersion, or wipe applications. Soak parts, until ink residues are removed. Parts can be wiped with a damp rag or rinsed off with heated water. **Do not soak urethane or other rubber rollers in the cleaning tank (natural rubber rollers can be safely soaked).**

## TYPICAL PROPERTIES

<b>pH</b> (50% solution in water @ 68 °F)	7.0 - 8.0	⋮	<b>Odor</b>	Mild
<b>Flash Point</b> (°F) (Cleveland Open Cup)	160	⋮	<b>Viscosity</b> (@ 68 °F) Brookfield Spindle #3, 10 RPM	Water Thin
<b>Components Vapor Pressure</b> @ 68 °F [mm Hg]	0.20 - 0.40	⋮	<b>Specific Gravity</b> (@ 68 °F)	1.040
<b>Components Boiling Point</b> @ 760 mm Hg (°F)	356 - 396	⋮	<b>Weight/Gal.</b> (lbs./gal.)	8.0

### SAFETY AND HANDLING PRECAUTIONS:

**INK BLASTER™- FG** is a mixture of environmentally safe organic solvents. Although, direct contact can cause a strong skin or eye irritation, it is very important to utilize recommended gloves (18 mm thick natural rubber, neoprene or natural latex), safety goggles and other suitable protective clothing your company recommends. **INK BLASTER™- FG** is harmful if inhaled or swallowed. Do Not take internally. Use the product with adequate ventilation. If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area, call a physician immediately. Washout mouth thoroughly with water and drink several glasses of water. If not already in place, put an emergency shower at work stations if a spill or a line break of **INK BLASTER™- FG** occurs.

### DISPOSAL:

Solutions containing hazardous or non hazardous soils should be handled and treated according to Federal, State and Local Environmental Laws. Even though **INK BLASTER™- FG** is biodegradable, the spent material should not be disposed of in any sewerage system. The used material can be recycled via vacuum distillation on site or by a mobile reclamation service company. Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.

### RECOMMENDED MATERIALS TO USE:

#### *O-RINGS, GASKETS, HOSES AND PUMP PACKAGING:*

- |                 |                                 |
|-----------------|---------------------------------|
| 1) Teflon       | 4) Buna-S                       |
| 2) Butyl Rubber | 5) Ethylene-Propylene Copolymer |
| 3) Kalrez       | 6) Fluorosilicone Rubber        |

### MATERIALS TO AVOID:

PVC, Viton, ABS, Buna-N, Kynar, Lexan, Noryl EN-265, PET

### STORAGE/PACKAGING:

Ordinary Stainless Steel 304 and 316, Carbon Steel 1020 are suitable.  
Store drums in a dry area.

**HMIS RATING:** Health: 1

Fire: 2

Reactivity: 0

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