

**FOAM OFF | MP™ Flexible & Rigid Polyurethane Foam Cleaner** Is an environmentally sensible, non-HAPs solvent based cleaner designed to dissolve & flush flexible, rigid, elastomer or molded polyurethane foam. Effective for both MDI and TDI esters as well as cured reactive hot melt polyurethane adhesives, and other industrial adhesives. It cleans hoses, build up of mixing heads, gear pumps, troughs, side walls, conveyor parts, rollers, molds, foam curing devices, holding tanks, feeding lines and mixing equipment.

**FOAM OFF | MP™** effectively removes

- ∅ Cured Urethane Foam deposits
- ∅ Flexible & Rigid Polyurethane Foam
- ∅ Urethane and Industrial Adhesives

#### Industries Served

Foam Manufacturing	Fabricating	Converting	Technical Packaging
Automotive	Aerospace	Industrial	Construction
Medical	Sports & Leisure		

#### Environmental

**FOAM OFF | MP™ Does NOT Contain Raw Materials listed on the following;**

- ∅ NJ Community Right to Know Environmental Hazardous Substance (EHS) List
- ∅ SARA Title 313
- ∅ State of California (Prop 65) to cause cancer, birth defects or other reproductive harm
- ∅ section 112(b) of Hazardous Air Pollutants (HAPs)
- ∅ REACH Annex
- ∅ Does not contain Ozon Depleting Chemicals
- ∅ **REPLACES** solvents such as NMP, BLO, Acetone, MEK, Methylene Chloride, and 1,1,1-Trichloroethane

#### Features & Benefits

- ∅ Low VOC
- ∅ High resin/polymer loading - can be used for an extended period
- ∅ Recyclable via vacuum distillation- resulting in reduced disposal costs
- ∅ Residue free - No Rinsing required
- ∅ Due to its low vapor pressure and high boiling point - it evaporates 237 times slower than Acetone and MEK; 600 times slower than Methylene Chloride. Therefore, whatever quantity you purchase, you will use and not loose to evaporation.

#### Direction for Use

- ∅ **Immersion Cleaning** – Use at room temperature **OR** heated to a **maximum 140°F** in a well-ventilated area (*when heated, a faster polymer and resin removal result is obtained*).
- ∅ **Flushing** the Spray Foam Equipment – **Must be used at room temperature only** (do not add water).

For more difficult cleaning applications (aged & cured foam) use **CIRR D-Bond™ Crystallized Isocyanate Resin Remover** in an immersion cleaning tank. For surface cleaning, **GO GREEN™ Saturated Wipes** can be used.

## Typical Physical & Chemical Properties

<b>Appearance</b>	Colorless - slight amber	<b>Specific Gravity (@ 68 °F)</b>	0.980 - 0.984
<b>Flash Point</b> Pensky-Martins Closed Cup	169°F	<b>Weight/Gal.</b>	8.2 (lbs. /gal.)
<b>Odor</b>	Mild Organic Ester	<b>VOC Content</b> (ASTM D-2369, Method 24)	3.85 lbs./gal or 437 grams/liter
<b>pH</b> (50% solution in water @ 68 °F)	6.8 - 7.8	<b>Recycling Parameters (Vacuum Distillation)</b>	300°F & 27 mm Hg Pressure
<b>Surface Tension</b>	24 (dynes/cm 24) (water = 1.0)	<b>HMIS Rating:</b>	Health = 2; Fire = 2; Reactivity = 0
<b>Ideal Operating Temp</b> (°F)	Room Temperature Maximum 140 °F	<b>Product / Part #</b>	02-W179567
<b>Ideal Operating Concentration</b>	Full Strength		

### RECOMMENDED MATERIALS TO USE FOR; O-Rings, Gaskets, Hoses And Pump Packaging

Teflon	Mild Steel	Polyethylene
Butyl Rubber	Halar	Polypropylene
Silicon Rubber	Melamine	Ryton
Klarez	Nylon 101	

### MATERIALS TO AVOID LONGTERM

Viton	Phenolic	PET	Noryl EN-265	Lucite
ABS	Polyurethane	Lexan	Noryl -731	Hypalon
Durel	PVC	Valox	Polysulfone	
Kynar	Buna-N	Polyester	Ultem	

### Safety & Handling Precautions

Refer to **SDS** for use, disposal and additional safe handling

Direct contact of **FOAM OFF | MP™** will cause a serious eye irritation or skin irritation. It is important to utilize recommended gloves (natural rubber), safety goggles and other suitable protective clothing your company recommends. Aspiration hazard if swallowed. Keep liquid and vapor away from heat, sparks and flames. Keep container closed. Use with adequate ventilation. **DO NOT** take internally. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mist. Wash thoroughly after handling.

### Disposal

Refer to **SDS** for use, disposal and additional safe handling

Even though **FOAM OFF | MP™** has a low order of toxicity, with a low risk of environmental harm. Effluent analysis is required for proper waste disposal. The spent material can be recycled via vacuum distillation on site or by a mobile reclamation service. **Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.**

### Packaging & Storage

HDPE UN Rated

1 Gallon EasyPour Jugs

5 Gallon Pails

55 Gallon Steel Drums (closed cap)

**GO GREEN™ Wipes** in an "Easy Carry Bucket" (90 12" x 12" Polypropylene Saturated Wipes)

This product should be kept in its original container above freezing and less than 100 °F. **Store drums in a dry area.**

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