

CIRR D BOND™

CIRR D BOND™
Crystallized Isocyanates Resin Remover
Immersion Cleaner

- Low VOC
- non-Flammable
- non-HAPs
- Recyclable
- non-Ozone Depleting

Effective in penetrating, loosening, and removing cured Isocyanates (Part A), urethane foam deposits (reacted Part A and Part B) and industrial resins and adhesives including Epoxy, Polyester and vinylester buildup from mixing heads, troughs, conveyor parts, side walls, rollers, foam cutting devices and molds.

Effectively Removes

- MDI and TDI esters and ethers
- Residual of cured polyurethane
- Cured Reactive Hot Melt Polyurethane Adhesives
- Resins and Fiberglass (Polyester, Vinylester, Epoxy, Polyamide, Orthophthalic, Isophthalic and Dicyclopentadiene)
- Adhesives from roll coating and dispensing equipment, as well as other Industrial Adhesives.
- Coatings such as: High & Low Solid Aliphatic, Water Born Epoxy Primers, Polyurethane, Acrylic, Varnishes and Alkyl Enamel.

However, in flushing or immersion cleaning of liquid isocyanates, NZD ISO FLUSH™ - Isocyanates Cleaner should be used.

This Product does not contain any raw materials known to the State of California (Proposition 65) to cause cancer, birth defects or any other reproductive harm. It Does Not contain any HAPs ingredients. CAN BE SOLD IN CALIFORNIA.

Application

Immersion Cleaning – Use at room temperature **OR** heated to a **maximum 150 °F** in a well-ventilated area (*when heated, a faster polymer and resin removal result is obtained*). **do not add water.** NOT intended for flushing or re-circulating the product throughout the spray foam equipment.

Must have proper ventilation system - mechanical exhaust in place. The use of ultrasonic Immersion tank will enhance the loosening performance. **Mechanical filtering** of larger particles **using a cheesecloth or metal mesh filter** will help **extend the life of the product.**

Typical Properties

Appearance:	Clear Amber Liquid
Flash Point:	>188 °F Seta Flash
Odor:	Mild
pH (50% solution in water)	8.6 - 9.2
Viscosity (Centipoise @ 68 °F): (Brookfield Spindle #3, 10 RPM)	1000 - 2000
Specific Gravity (68 °F)	0.9960 - 0.9965
Ideal Operating Concentration:	Full Strength
Ideal Operating Temp (°F):	Room Temp. Maximum 150°F
Weight/Gal.	8.299 - 8.300
Initial boiling point and boiling range (@ 760 [mm Hg])	385 - 485 °F
VOC Content (ASTM D-2369, Method 24)	6.77 lbs./gal or 811 grams / liter
Product #	02-W409589



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

- * FEP-Teflon
- * Ethylene-Propylene Copolymer
- * Ryton
- * Butyl Rubber
- * Kalrez
- * Buna-S
- * Fluorosilicone Rubber
- * Melamine
- * Mild Steel
- * Nylon 101
- * Halar

MATERIAL TO AVOID

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

Safety & Handling Precautions

Refer to SDS for use, disposal and additional safe handling

Direct contact of **CIRR D BOND™ Crystallized Isocyanates Resin Remover** will cause **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 **CIRR D BOND™ Crystallized Isocyanates Resin Remover** has a low order of toxicity, * with a low risk of environmental harm. Effluent analysis is required for proper waste disposal. **Discharge your distill bottom and screened out solids according to Federal, State and Local Regulations.**

HMIS Rating: Health = 2 Fire = 2 Reactivity = 0

Packaging & Storage

HDPE UN Rated

1 Gallon Jugs, 5 Gallon Pails & 55 Gallon Steel Drums (closed cap)

GO GREEN™ Saturated Wipes

90 (12" x 12") Pre Moistened Wipes in an Easy Carry Bucket

Store this product in its original container in a dry area above freezing and less than 100 °F.

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