

ENVIRONMENTAL

- ☞ Biodegradable
- ☞ Non toxic
- ☞ Non-Combustible
- ☞ Neutral pH
- ☞ Reduced VOC
- ☞ No ODC's
- ☞ DOES NOT contain raw materials known to the State of California (Prop 65) to cause cancer, birth defects or other reproductive harm
- ☞ DOES NOT contain raw materials listed on SECTION 112(b) of HAPs List
- ☞ No SARA Title 313 Reporting

NATURES GUARD™

Derived from Soybean Oil and formulated with other proprietary eco-friendly ingredients that allow significant regulatory and safety advantages over petroleum-based solvents, addressing the numerous EPA, environmental, and health issues facing solvent users today.

This unique biobased Industrial Strength Anilox Roll Cleaner Effectively dissolves dry ink buildup, water-based, UV-cured, vinyl and polymeric inks, latex polymers (acrylic), and adhesives from Laser Engraved Ceramic Anilox Rolls restoring the cells to their original volume. There is no need to resurface your Anilox Rolls or use a harsh oven or floor cleaner. You can use this as a routine weekly cleaner to keep cells open for consistent printing and coating quality. It is suitable for use on all press equipment.

Features & Benefits

- ☞ Designed to replace Acetone, MEK, Methylene Chloride, and caustic-based cleaners
- ☞ Recyclable via Vacuum Distillation - Resulting in Reduced Disposal Cost
- ☞ For use in a wide range of industries
- ☞ Compatible with all cleaning machines
- ☞ Safe on most O-rings and gaskets
- ☞ Non-Corrosive (safe on all Ferrous and non-Ferrous metals) Stainless Steel, Carbon Steel and Aluminum Alloys
- ☞ Does not damage the substrate

Application

Use Full Strength at 77 °F - 145 °F by simple immersion, ultrasonic tank, spray or spray under immersion or by simply brushing or spraying the surface to remove soils.

Allow the cleaner to influence the cells for approximately 15-20 minutes. After application time is complete, use a brush in the direction of the hashur screen; normally a 60° angle or in a circling motion with hexagonal screen.

Rinse off the entire surface with clean water, making sure nothing remains behind, wipe completely dry with a clean cloth. Repeat If necessary
Do Not Add Water.

For hand wipe applications, use **NATURES GUARD™ Soy-Based Anilox Roll Cleaner GO GREEN™ Wipes.**



TYPICAL PROPERTIES

Appearance:	Clear - slight yellow water thin
Flash Point: (Pensky-Martens closed cup)	218 °F
Odor:	Mild Soy Ester
pH (full strength)	11.50 - 11.70
pH (50% solution in water @ 68°F)	6.5 - 7.0
Vapor Pressure: (components)	≤ 0.02 - 0.04 mmHg @ 20 °C (68 °F)
Initial boiling point/ boiling range (@ 760 mm Hg)	325 °C (625 °F)
Ideal Operating Temp (°F)	77 - 145 °F
Ideal Operating Concentration	Full Strength
Specific Gravity @ (68°F)	0.88 - 0.91
Weight/Gal. (lbs. /gal.)	7.50
VOC Content: (ASTM D-2369, Method 24)	0.14 lbs./gal or 1.70 grams/liter
HMIS Rating:	Health = 1 Fire = 1 Reactivity = 0
Recycling Parameters: (Vacuum Distillation) @ 27 mm Hg Pressure	300°F
Product #	02-W289578

**RECOMMENDED MATERIALS TO USE FOR:
O-Rings, Gaskets, Hoses and Pump Packaging**

- * FEP-Teflon
- * Butyl (Isobutylene - Isoprene) Rubber (IIR)
- * Kalrez - Perfluorinated Copolymer - FFKM
- * FKM-Fluorocarbon - Viton
- * FFKM - Chemraz - Kalrez
- * Fluoraz - Fluorinated Copolymer - FXM

NOT APPROVED FOR LONG-TERM EXPOSURE

- * EP-Ethylene Propylene - EPDM
- * CR Chloroprene - Neoprene
- * EPDM - Ethylene Propylene
- * Styrene Butadiene - SBR-BUNA-S
- * HNBR - Hydrogenated Nitrile
- * Polyurethane - AU, EU
- * Polyacrylate - ACM
- * Polybutadiene - BR
- * NR - Natural Isoprene - Natural Rubber
- * IIR Synthetic Isoprene
- * Aero Quip - AQP
- * Synthetic Rubber
- * Polyethylene - CSM - Hypalon
- * Chlorosulfonated Polyethylene Rubber (CSM) - Hypalon
- * Nitrile - NBR - BUNA - N
- * FVMQ - Fluorosilicone
- * Synthetic Polyisoprene

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)

Freight easily shipped via local carriers ground or LTL.

This product should be kept in its original container above freezing and less than 100 °F.

Store drums in a dry area.

SAFETY&HANDLING

PRECAUTIONS

Refer to SDS for additional safe handling & disposal

Direct contact of **NATURES GUARD™ Soy-Based Anilox Roll Cleaner** will cause a skin irritation and or eye irritation, it is important to utilize recommended gloves (Use Natural Rubber Gloves when handling this product), safety goggles and other suitable protective clothing your company recommends. Harmful if inhaled or swallowed. **Use product with adequate ventilation. Do Not take internally.** Keep out of reach of children; If splashed in eyes or on skin, wash off with plenty of water. If swallowed remove from exposure area. Never give anything by mouth to an unconscious person. Get medical advice/attention. **Refer to SDS Section 4 First Aid Measures**

DISPOSAL

Refer to SDS for additional safe handling & disposal

The spent material should not be disposed of in any sewerage system. Solutions containing hazardous or non-hazardous coatings and other soils should be handled and treated according to Federal, State and Local Environmental Laws. Discharge your waste and rinse water according to Federal, State and Local Regulations.



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