

MATERIAL SAFETY DATA SHEET

IDENTITY: HD-88 Gelled Anilox Roll Treatment

SECTION I

Manufacturer Name:
Pamarco Global Graphics
235 E. 11th Avenue
Roselle, NJ. 07203

Emergency Telephone Number
800- 535-5053
Telephone Number for Information
(201) 447-6882
Date Prepared: April 2013
Prepared By: Staff

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT OPTIONAL
Ethylene Glycol Monobutyl Ether CAS# 111-76-2	25ppm	25ppm	NA	
Monoethanolamine CAS# 141-43-5	3ppm	3ppm	3ppm STEL	
Potassium Hydroxide CAS# 1310-58-3	2mg/m3	2mg/m3	NA	
Sodium Hydroxide CAS# 1310-73-2	2mg/m3	2mg/m3		

Health Rating.....3
Flammability.....0
Reactivity.....0
Personal.....B

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point:.....>212 deg. F
VOC: Less than 0.05 Lbs. Per Gal.
pH..... 13.1 +/- .5
Vapor Pressure (mm Hg)....NA
Vapor Density (water=1... >1
Solubility in water..... Complete
Appearance and Odor: Clear/Amber liquid, mild solvent odor

Specific Gravity. (H2O=1) >1
Melting Point.....:NA
Evaporation Rate.....: <1
(Butyl Acetate=1)

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point (Method Used): None **Flammable Limits:** **LEL:** **UEL:**
Extinguishing Media: NA
Special Fire Fighting Procedures: NA
Unusual Fire and Explosion Hazards: NA

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SECTION V

Stability: Unstable | | Stable |X| **Conditions to Avoid:** Contact with magnesium, aluminum, galvanized zinc, tin, chromium, brass and bronze.

Incompatibility (materials to avoid): May react with various food sugars to generate carbon monoxide. **Hazardous Decomposition or Byproducts:** May react with various food sugars to generate carbon monoxide.

Hazardous Polymerization May occur | | Will not occur |X| **Conditions to Avoid:** None

SECTION VI – Health Hazard Data

Route(s) of entry **Inhalation?** Yes **Skin?** Yes **Ingestion?** Yes
Health Hazards(Acute and Chronic): Burns skin and eyes – permanent damage and/or loss of vision. Ingestion – damages mucus membranes or other tissue. May be fatal. Inhalation- May irritate respiratory tract.

Carcinogenicity: **NTP?** NO **(ARC Monographs)?** NO **OSHA Regulated?** NO

Medical Conditions Generally Aggravated by Exposure: Ulcerations of skin

Emergency and First Aid Procedures: Skin and eyes- Flush thoroughly with water. Get medical attention. Ingestion- Do NOT induce vomiting. Get immediate medical attention. Inhalation- Remove to fresh air. See physician if necessary.

SECTION VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Neutralize with mild acid to pH of 7. Pick up with absorbent.

Waste Disposal Method: According to federal, state and local authorities only.

Precautions For Storing and Handling: Keep from freezing. Avoid skin and body contact.

Other Precautions: Do not mix with unknown chemicals.

SECTION VIII – Control Measures

Respiratory Protection (Specify Type): Should not be necessary with adequate ventilation. If TLV is exceeded, use NIOSH approved respirator.

Protective Gloves: Alkali resistant

Eye Protection: Splash goggles with face shield

Other Protective Clothing or Equipment: Apron, protective shoes, eyewash facilities

Work Hygienic Practices: Launder contaminated clothing before reuse. Wash thoroughly after handling.

SECTION IX- Transportation Information

U.S. Department of Transportation Proper Shipping Name: Non-Regulated

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SECTION X- Regulatory Information

SARA Title III Section 313: This product contains no toxic chemicals that are subject to reporting requirements under Section 313 of title II of the SARA Act of 1986.

CONEG: Formula is CONEG Compliant. The combined concentration of Lead, Cadmium, Hexavalent Chromium, and Mercury must be below 100 ppm.

California Proposition 65: Formula is compliant with proposition 65. The product does not contain prohibited items listed on proposition 65.

FDA: Formula is not FDA compliant. The materials that make up the formulation are safe for use in facilities that produce food packaging.

USDA: Formula is USDA compliant.

