

MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1, using the International Chemical Safety Cards of the Global Harmonizing System. THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product. pass this information on to employees, customers, & users of this product.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT IDENTITY: **STRONG & SAFE ANILOX ROLL & INK CLEANER**

COMPANY IDENTITY: FLEXOCLEANERS.COM
COMPANY ADDRESS: 40 SAWGRASS DRIVE
COMPANY CITY: BELLPORT, NY 11713 USA
COMPANY PHONE: 1-888-353-9625
CHEMTREC PHONE: 1-800-424-9300

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS: 0-9 % C9-11 Alcohol Ethoxylate (68439-46-3)

SECTION 3: HAZARDS IDENTIFICATION

RISK STATEMENTS:

R36/38 Mildly Irritating to eyes and skin.
R43 May cause sensitization by skin contact.

SAFETY STATEMENTS:

S24/25 Avoid contact with skin and eyes.

POTENTIAL CHRONIC HEALTH EFFECTS:

Carcinogenic effects:	None
Mutagenic effects:	None
Teratogenic effects:	None
Developmental Toxicity:	None

SECTION 4: FIRST AID MEASURES

EYE CONTACT:

For eyes, remove contact lenses, then flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

If directly inhaled, remove to fresh air. If breathing is difficult, give oxygen. Get medical attention.

SWALLOWING:

Rinse mouth. Give plenty of water to drink. **GET MEDICAL ATTENTION IMMEDIATELY.**
Do NOT give liquids to an unconscious or convulsing person.

SECTION 5: FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES

Non-flammable

EXTINGUISHING MEDIA

Water, spray or CO2 or chemical.

SPECIAL FIRE FIGHTING PROCEDURES

Not needed

UNUSUAL EXPLOSION AND FIRE PROCEDURES

Non-flammable, None.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES:

Wear appropriate personal protective equipment given in Section 8.

CONTAINMENT AND CLEAN-UP MEASURES:

Stop spill at source. Due to its biodegradability, dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on contaminated surface and mopping dry.

SECTION 7: HANDLING AND STORAGE

HANDLING

Keep away from heat. Do not get in eyes, on skin or clothing. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear suitable protective clothing.

STORAGE

Keep container in a cool, well-ventilated area. Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage. Keep from freezing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION:

RESPIRATORY PROTECTION

Normal ventilation is usually sufficient. Use ventilation as required to control vapor concentrations. The use of a OSHA approved respirator should always be used whenever workplace conditions warrant a respirators use.

VENTILATION

LOCAL EXHAUST	: Normal ventilation is sufficient
MECHANICAL (GENERAL)	: Acceptable
SPECIAL	: None necessary
OTHER	: None necessary

PERSONAL PROTECTION:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each work shift & before eating, smoking or using the toilet.

SECTION 9: PHYSICAL DATA

APPEARANCE:	Liquid, Water-White
ODOR:	Mild
BOILING RANGE:	100 102 102* C / 212 216 216* F (*=End Point)
AUTO IGNITION TEMPERATURE:	Not Applicable
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
FLASH POINT (TEST METHOD):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Non-Flammable
GRAVITY @ 68/68 F / 20/20 C:	
AP:	9.4
SPECIFIC GRAVITY (Water=1):	1.004
POUNDS/GALLON:	8.366

VOC'S (>0.44 Lbs/Sq In):	0.0 Vol. % /	0.0 g/L /	0.000 Lbs/Gal
TOTAL VOC'S (TVOC):	0.3 Vol. % /	2.6 g/L /	0.021 Lbs/Gal
NONEXEMPT VOC'S (CVOC):	0.3 Vol. % /	2.6 g/L /	0.021 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt. % /	0.0 g/L /	0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg)@20 C	17.5		
NONEXEMPT VOC PARTIAL PRESSURE	0.0 (mm of Hg @ 20 C)		
VAPOR DENSITY (air=1):	0.6		
WATER ABSORPTION/SOLUBILITY IN WATER:	Complete		
pH (Neutrality) :	10.5 – 11		

SECTION 10: STABILITY & REACTIVITY

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Isolate from oxidizers, heat, & open flame.

MATERIALS TO AVOID

Reacts with acids, strong oxidizers, causing potential fire & explosion hazards.

HAZARDOUS DECOMPOSITION PRODUCTS

Sodium Oxide, Carbon Monoxide, Carbon Dioxide, Nitrogen Oxide vapors and fumes from heating.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Water	7732-18-5	None Known	None Known	No
C9-11 Alcohol Ethoxylate	68439-46-3	None Known	None Known	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

ACUTE HAZARDS

EYE & SKIN CONTACT:

Direct, long-term contact can cause mild irritation to skin. Direct contact to eyes will cause irritation to eyes, resulting in redness, tearing, or temporary blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Inhalation of high concentration of vapor can cause irritation to the respiratory tract.

SWALLOWING:

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date.

SECTION 12: ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE
C9-11 Alcohol Ethoxylate	68439-46-3	5000.0 mg/kg(Rats)

AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.

MOBILITY

This material is a mobile liquid.

DEGRADABILITY

This product is completely biodegradable.

TOXICITY OF THE PRODUCTS OF BIODEGRADATION

The product itself and its products of degradation are not toxic.

ACCUMULATION

Bioaccumulation of this product has not been determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options. Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws.

SECTION 14: TRANSPORT INFORMATION**US DOMESTIC TRANSPORT (DOT REQUIREMENTS)**

DOT Shipping Name:	None - Not regulated, not necessary
Drum Label:	None - Not regulated, not necessary
DOT Hazard Class/Division:	Does not contain any hazardous substances
UN/NA Number:	Not applicable
DOT Reportable Quantity (lbs)	Not applicable
Marine Pollutant:	No
Emergency Response Guidebook Number:	None

TDG (CANADA)

TDG Proper Shipping Name:	Not Regulated
Hazard Class:	Not Applicable
UN Number:	Not Applicable
Packing Group:	Not Applicable
Marine Pollutant:	No

INTERNATIONAL AIR TRANSPORT (IATA REQUIREMENTS)

IATA / ICAO:	None - Not regulated, not necessary
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INTERNATIONAL MARINE TRANSPORT (INTERNATIONAL MARINE DANGEROUS GOODS CODE)

IMO / IMDG:	None - Not regulated, not necessary
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EUROPEAN GROUND TRANSPORT (ADR/RID REQUIREMENTS)

Classification and Labeling	Not regulated, not subject to provisions of ADR.
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SECTION 15: REGULATORY INFORMATION**EPA REGULATION:**

SARA SECTION 311/312 HAZARDS: Acute Health
All components of this product are on the TSCA list.

STATE REGULATIONS:

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

California Proposition 65:	Not Listed
MA Right To Know List:	Not Listed
New Jersey Right To Know List:	Not Listed
Pennsylvania Right To Know List:	Not Listed

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:
Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16: OTHER INFORMATION

HAZARD RATINGS:

National Fire Protection Agency: 0-4 Scale 0 is safest, 4 being the highest and most extreme, caution
NFWA HEALTH (NFWA): 1 (No hazard)
FLAMMABILITY: 0 (Will not burn)
REACTIVITY: 0 (Stable)

Hazardous Materials Identification System 0 is safest, 4 being the highest and most extreme, caution
HMIS HEALTH (HMIS): 1 (Irritation or minor reversible injury possible)
FLAMMABILITY: 0 (Materials that will not burn)
REACTIVITY: 0 (Lowest hazard)

Workplace Hazardous Materials Identification System (Canadian Regulations)
WHMIS Hazardous Class Non-controlled

This information is intended solely for the use of individuals trained in the NFWA, HMIS and WHMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This formation relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

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PRODUCT IDENTITY: STRONG & SAFE ANILOX ROLL & INK CLEANER
NEW MSDS DATE: 12/29/2008