

CeramClean Solv-It™

Aluminum Safe Cleaner for Solvent Inks

INSTRUCTION SHEET

HARPERSCIENTIFIC
DIVISION

The following are instructions for proper cleaning of your anilox rolls with CeramClean Solv-It™



STEP 1

1- As with all cleaning products gloves & eye protection should be used. SDS is enclosed.

STEP 2

2- Apply CeramClean Solv-It at full strength with a lint free rag or sprayer.

STEP 3

3- Wipe roll with a clean lint free rag.

STEP 4

4- Rinse surface with suitable solvent and dry thoroughly.

CAUTION:

On painted surfaces, test a small area first to ensure fading or color removal of paint does not occur.

Combustible liquid. Keep away from sparks or open flames. Store according to SDS directions.

SAFETY:

Follow label and SDS directions on safety data sheet. Always wear gloves and goggles when using this product. SDS available online or by calling Harper Scientific Printing & Coating Supplies Division/Harper Corporation of America.

Las siguientes son instrucciones para apropiadamente limpiar anilox con el CeramClean Solv-It™



PASO 1

Para la protección del usuario, deben de usarse gafas y guantes cuando se usa este limpiador.

PASO 2

Aplique CeramClean Solv-It en concentrado con un trapo sin pelusa o rocíelo sobre la superficie del anilox.

PASO 3

Limpie y restriegue la superficie con un trapo limpio sin pelusa. También se puede incorporar el uso de un cepillo de acero inoxidable para anilox cerámicos.

PASO 4

Enjuage la superficie con solvente y sequela muy bien.

PRECAUCION:

En superficies que estan pintadas, se debe de hacer una prueba primero para asegurarse que la pintura no sea removida.

Líquido combustible. Mantener alejo de chispas o llamas. Almacenarlo de acuerdo a las direcciones en la SDS (ficha técnica informativa)

SEGURIDAD:

Siga las direcciones en la hoja SDS o en la etiqueta. Siempre use guantes y gafas cuando se use este producto. SDS disponible al llamar a HarperScientific, o por nuestra página en la internet.

HMIS RATINGS	
Health	2
FLAMMABILITY	2
REACTIVITY	0

SAFETY DATA SHEET

U.S. DEPARTMENT OF LABOR

COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS,(29 CFR 1910, 1200)

SECTION 1: Chemical Product and Company Identification

HarperScientific
11625 Steele Creek Rd
Charlotte, NC 28273 USA

Product Name: CeramClean Solv-it™

Ink Cleaner

EMERGENCIES: 1-800-535-5053

09/06/13

SECTION 2: Hazards Identification

Emergency Overview

Clear liquid with Citrus odor. May be irritating to skin and eyes.

EFFECTS OF OVEREXPOSURE: Irritation of skin, irritation of eyes.

Routes of entry: Skin contact. Eye contact. Ingestion. Inhalation.

Potential Health Effects:

Eye contact: May cause eye irritation.

Skin contact: Prolonged or continuous contact may cause skin irritation or dermatitis.

Ingestion. May cause stomach upset or nausea.

Workplace exposure controls

Personal protection:

Safety glasses or goggles are required when using this product. Solvent resist gloves are required when using this product. Other protective gear including face shield, rubber boots, apron or rain gear are recommended.

SECTION 3: Composition/information on ingredients

Hazardous mixtures of other liquids, solids, or gases:

Ingredient	CAS #	EINCS#	% Present	TLV (Units)
1. D'limonene	5989-27-5	304-454-3	35%	Not determined
2. Glycol butyl ether	111-76-2	203-905-0	24%<	25ppm
3. Surfactant	Proprietary		9%<	Not determined

SECTION 4: First Aid Measures

Emergency Overview

Clear liquid with Characteristic odor. May be irritating to skin and eyes.

Continued on page 2 of 5

Page 2 of 5 Product: CeramClean Solv-it

Section 4 continued

EFFECTS OF OVEREXPOSURE: Irritation of skin, irritation of eyes.

Potential Health Effects:

Eye contact: May cause eye irritation.

Skin contact: Prolonged or continuous contact may cause skin irritation or dermatitis.

Ingestion. May cause stomach upset or nausea.

First Aid Measures:

EYE CONTACT:

Remove contact lenses immediately. Gently flush with water for 15 minutes. Seek medical attention immediately.

SKIN CONTACT:

Remove any contaminated clothing. Flush skin with water for 15 minutes. If irritation persists then seek medical attention.

INGESTION:

Seek medical attention immediately. Do not induce vomiting unless directed by medical personnel. Rinse mouth with water. Drink one glass of water or milk. Do not leave victim unattended. Never give anything by mouth if victim is unconscious and not responsive.

=====
SECTION 5: FIRE AND EXPLOSION DATA

FLASH POINT: >166 degrees.

FLAMMABLE LIMITS: Not determined.

EXTINGUISHING MEDIA: Carbon dioxide, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: SCBA recommended.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid. Keep away from open flame. Guard against spontaneous combustion of improperly discarded cleaning rags. In a fire or if heated, a pressure increase will occur and may burst the container.

=====
Section 6 Accidental Release Measures

LAND SPILL

Put on appropriate personal protective equipment. Stop leak if without risk.

Check local regulations for guidance. For small spills, use absorbent material such as towels or absorbent powder. Place all material into proper waste disposal container with lid tightly closed.

For large spills, dike spill, recover free liquid and use absorbent powder to dry area. Rinse area with water. Put all material into appropriate waste containers.

WATER SPILL

Contain source of the spill. Check with local environmental regulatory agencies for reporting requirements.

=====
SECTION 7 HANDLING & STORAGE

STORAGE TEMPERATURE, Do not store near strong oxidizers.

Keep container closed when not in use. Keep out of the reach of children.

Handling: Prior to use, put on appropriate personal protection equipment. Avoid contact with eyes, skin and clothing. Do not breathe vapors or mist. Observe label precautions.

Continued on page 3 of 5

SECTION 8 Exposure Controls/Personal protection

Ingredient/component name

Ethylene Glycol Monobutyl Ether; butoxyethanol;
Butyl cellosolve

Exposure limits

25ppm TWA

Personal Protection Equipment (PPE)

Eyes: Splash goggles

Body: Wear appropriate protective clothing to prevent skin contact.

Recommended: Neoprene or nitrile gloves, rubber apron or tyvek suit.

=====
Section 9 Physical and Chemical Properties

Physical state: Liquid

Upper / lower flammability limits: Not determined

pH: 8.1

Relative density: Not determined

Melting point / freezing point: Not determined

Initial boiling point / freezing point: Not Determined

Auto ignition temperature: Not determined

Vapor pressure: Not determined

Vapor density (Air = 1) : Not determined

V.O.C. content: Not determined

SOLUBILITY IN WATER: Slight

Viscosity: Not determined

SPECIFIC GRAVITY (H2O = 1): .87

PERCENT VOLATILE BY VOLUME: .94

EVAPORATION RATE (water = 1): <1

APPEARANCE AND ODOR: Clear liquid. Characteristic citrus type odor.

=====
SECTION 10: REACTIVITY DATA

STABILITY DATA: Stable

INCOMPATIBILITY: Do not mix with acid or any other chemical.

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur

=====
SECTION 11 Toxicological Information

Acute toxicity

Product or ingredient name	Result	Species	Dose	Exposure
Ethylene Glycol Monobutyl Ether	LC50 Inhalation gas	Rat	450ppm	4 hours
	LC50 Inhalation vapor	Guinea Pig	>633ppm	1 hour
	LD50 Dermal	Guinea Pig	>2000mg/kg	Not applicable

Section 12 Ecological Information

Environmental effects; Not determined.

Aquatic Ecotoxicity: Not determined.

Section 13 Disposal Considerations

Waste information:

Waste must be disposed of in accordance with federal, state and local regulations.

Section 14 Transport Information

Department of Transportation (DOT):

PROPER SHIPPING NAME:Compound, Cleaning Liquid.

Hazard Class: None

Identification Number:None

Packing Group: Not applicable

IMDG: Not regulated

Section 15 Regulatory Information

REACH REGISTRATION INFORMATION

Ingredient: Ethylene Glycol Butyl Ether

CAS# 111-76-2 EINCS# 203-905-0:

DSD Classification: Xn, R/20/21/22 , R36/38

CLP Classification: H302, H312, H332, H315, H320

REACH Registration number: 01 2119475108-36

Ingredient: D'limonene

CAS#5989-27-5 EINCS #304-454-3

This product is listed in the REACH directory.

DSD: No classification

CLP: Physical Hazard: Not classified as a physical hazard under CLP criteria.

Ingredient: Surfactant, Proprietary

The ingredients in this product are listed in the Reach Directory.

DSD: No Classification.

CLP: PHYSICAL HAZARD: Not classified as a physical hazard under CLP criteria.

HEALTH HAZARD: Not classified as an environmental hazard under CLP criteria.

ENVIRONMENTAL HAZARD: Serious eye irritant. H319.

TSCA: The ingredients in this product are listed on the TSCA inventory.

CERCLA

Ingredient 1 has an RQ of 5000 lbs. Contact local authorities to determine if there are other local reporting requirements.

SARA TITLE 3

311/312 HAZARD CATEGORIES

Acute health

313 REPORTABLE INGREDIENTS

Ingredient 1 is a SARA 313 reportable ingredient.

Section 15 Regulatory Information; Continued

CALIFORNIA PROPOSITION 65 INFORMATION:

This product does not contain any chemicals recognized by the state of California to cause cancer and or birth defects or reproductive harm.

Clean Water Act (CWA) 307 : None

Clean Water Act(CWA) 310: None

California Proposition 65 information continued:

Clean Water Act(CWA)311: None

HAZARD RATING SYSTEMS:

	HMIS	NFPA	KEY
HEALTH	2	2	4=SEVERE
FLAMMABILITY	2	2	3=SERIOUS
REACTIVITY	0	0	2=MODERATE
			1=SLIGHT
			0=MINIMAL

Section 16 Other information

To the best of our knowledge, the information contained herein is accurate. All materials may present unknown hazards and should be used with caution. Final determination of suitability of any material is the sole responsibility of the user. This safety data sheet was prepared on 9/06/2013