

## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**CHEMICAL NAME:** Ethyl Acetate Solution

**PRODUCT NAME:** CUCCIO PRO Acrylic Non-Acid Primer

**PRODUCT USE:** Organic Process Chemical

**MANUFACTURER:** Star Nail International, Inc.  
**ADDRESS:** 29120 Avenue Paine  
 Valencia, Ca. 91355

**24 HR. EMERGENCY TELEPHONE:** **CHEMTEL:** 1-800-255-3924

**PREPARATION/UPDATE DATE:** 02/09/2021  
**PRINT DATE:** 10/21/19  
**MSDS ID:** M10-03

## SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixtureHazard Class - *Physical, Health, Environmental*

Flammable Liquid

Skin Corrosion/Irritation

Eye Damage/Irritation

Category

2

1B

1

Label Elements - Pictograms, Signal Word, Hazard Statements, Precautionary Statements, & Supplemental InformationSignal Word

Danger

Hazard Statements

H225 Highly flammable liquid and vapour  
 H314 Causes severe skin burns and eye damage  
 H318 Causes serious eye damage

Precautionary Statements - Prevention, Response, & Disposal

P210 Keep away from heat/sparks/open flames/hot surfaces  
 – No smoking  
 P233 Keep container tightly closed  
 P240 Ground and bond container and receiving equipment  
 P241 Use explosion-proof  
 electrical/ventilating/light/.../equipment  
 P242 Use only non-sparking tools  
 P243 Take precautionary measures against static discharge  
 P260 Do not breathe dust/fume/gas/mist/vapours/spray  
 P264 Wash hands and exposed skin thoroughly after  
 handling  
 P280 Wear protective gloves/protective clothing/eye  
 protection/face protection

P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see ... on this label)
P363	Wash contaminated clothing before reuse
P301+P330 +P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361 +P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P305+P351 +P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P370+P378	In case of fire: Use CO2 for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to an authorized disposal facility

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	Cas No.	Weight-%	GHS Ratings
Ethyl Acetate	141-78-6	80 — 90	Eye Damage/Irritation 2A (H319) Specific Target Organ Toxicity - Single Exposure 3 (H335)
*Proprietary		1 — 5	Oral Toxicity 4 Dermal Toxicity 4 Skin Corrosion/Irritation 1B (H314) Eye Damage/Irritation 1 (H318)
*Proprietary		1 — 5	Oral Toxicity 4 Dermal Toxicity 4 Inhalation Toxicity 4 Skin Corrosion/Irritation 1A (H314) Aquatic Toxicity A1 (H400)

\*Component names may have been omitted to protect confidential business information (CBI) in compliance with OSHA GHS HCS §1910.1200 Appendix E. A full disclosure safety data sheet can be supplied in emergency and non-emergency situations upon written request.

## SECTION 4 - FIRST AID MEASURES

### General Advice

Provide the SDS to medical personnel for treatment.

### Inhalation:

Remove victim to fresh air. Seek immediate medical attention.

### Eye Contact:

If product gets in the eyes, flush with lukewarm water for at least 15 minutes. If irritation occurs, contact a physician.

### Skin Contact:

Rinse thoroughly with lukewarm water, followed by a thorough washing of the affected area with soap and water. If irritation, redness or swelling persists, contact a physician immediately.

**Clothing:**

Remove contaminated clothing, wash thoroughly before reuse.

**Ingestion:**

If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give anything by mouth to an unconscious person. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Get medical attention immediately.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Chemical (alcohol-resistant) foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media**

Water spray or water stream may not be effective.

**Specific Hazards Arising from the Chemical**

High temperatures, inhibitor depletion, accidental impurities, or exposure to radiation or oxidizers may cause spontaneous polymerizing reaction generating heat/pressure. Closed containers may rupture or explode during a runaway polymerization. This product is a flammable liquid. Vapors of this product are heavier than air and may travel to a source of ignition and flash back to a leaking or open container. Vapor forms an explosive mixture with air.

**Hazardous Combustion Products**

Acrid smoke-fumes/carbon monoxide/carbon dioxide and perhaps other toxic vapors may be released during a fire involving this product.

**Special Fire Fighting Procedures:**

Use a water spray or fog to reduce or direct vapors, and keep containers cool. Water may not be effective in actually extinguishing a fire involving this product. Do not enter fire area without proper protection. Fight fire from a safe location. Structural firefighters must wear SCBAs and full protective equipment. Heat/impurities may cause pressure to build and/or rupture closed containers, spreading fire, increasing risk of burns/injuries.

**Protective Equipment and Precautions for Firefighters**

Wear self-contained breathing apparatus for firefighting if necessary. Do not enter fire area without proper protection. Fight fire from safe distance/protected location. Heat/impurities may increase temperature/build pressure/rupture closed containers, spreading fire, increasing risk of burns/injuries. Use water spray to cool unopened containers. Pressure relief system may plug with solids creating risk of overpressure.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions**

Before cleaning any spill or leak, individuals must wear appropriate Personal Protective Equipment that is specified in section 8. Deny entry to all unprotected individuals. Remove any contaminated clothing and wash thoroughly before reuse.

**Environmental Precautions**

Extinguish all ignition sources. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. May contaminate water supplies/be harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment**

Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material (e.g. sand or earth). May contaminate water supply.

**Methods for Cleaning Up**

Maximize ventilation (open doors and windows) and secure all sources of ignition. Use good, local ventilation with a minimum capture velocity of 100 ft/min (30 m/min) at point of product release. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap.

## SECTION 7- HANDLING AND STORAGE

**Precautions for Safe Handling****Advice on Safe Handling**

Keep away from heat, sparks, and flame. Keep container closed after each use. Do NOT use localized heat source such as band heaters to heat/melt product. Do NOT use steam. Hot boxes or hot rooms are recommended for heating the product, which can be set at a maximum temperature of 60°C/140°F. Avoid contact with skin, eyes and clothing. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink, or smoke while handling product. Observe precautions found on label. Keep away from heat, sparks, and flame. Keep container closed after each use. Ground and bond all containers when transferring. Refer to Section 8 for suggested exposure controls and personal protection. Observe precautions found on label

**Conditions for Safe Storage, Including any Incompatibilities****Storage Conditions**

Store containers in a cool, dry location, away from direct sunlight, heat, sparks, flame, other light sources, or sources of intense heat. Store in accordance with National Fire Protection Association recommendations. Check inhibitor levels periodically, adding to the bulk material if needed. Maintain at a minimum, the original 2-inch headspace in the product container and do not blanket or mix with oxygen-free gas as it renders the inhibitor ineffective. Vapors are uninhibited and may form polymers in vents or flame arresters, resulting in blockage of vents. Product residue may remain in empty containers. Observe all label precautions until the container is cleaned, reconditioned, or destroyed.

**Incompatible Materials**

Strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Ethyl Acetate 141-78-8	400 ppm TWA; 1400 mg/m <sup>3</sup> TWA	400 ppm TWA	NIOSH: 400 ppm TWA; 1400 mg/m <sup>3</sup> TWA
*Proprietary			
*Proprietary		2 ppm TWA	NIOSH: 2 ppm TWA; 6 mg/m <sup>3</sup> TWA

**Engineering Controls**

Use local explosion-proof ventilation that is adequate to keep employee exposure to airborne concentrations below exposure limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

**Personnel Protective Equipment (PPE)****Respiratory Protection**

A respirator should be worn whenever workplace conditions warrant a respirators use. None required if airborne concentrations are maintained below the exposure limit listed above. If necessary, use only respiratory protection authorized per U.S. OSHA's requirement in 29 CFR §1910.134 or other appropriate governing standard.

#### Eye/Face Protection

Wear safety glasses, chemical goggles when splashing is possible, when dealing with this material. If necessary, refer to U.S. OSHA 29 CFR §1910.133, or other appropriate governing standard. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

#### Skin and Body Protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Full contact:

Material: Nitrile rubber

Minimum layer thickness: 0.4 mm

Break through time: 480 min

#### Splash contact:

Material: Nitrile rubber

Minimum layer thickness: 0.11 mm

Break through time: 120 min

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. An eyewash station and a safety shower are recommended. Food, beverages, and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

<p>Appearance: Clear</p> <p>Odor: Fruity Odor</p> <p>Flammable Limit (Air Volume%, 0% Lower/Upper)</p> <p>Evaporation Rate</p> <p>Specific Gravity 0.092</p>	<p>Physical State: Liquid</p> <p>Flash Point: 25 F,-4 C</p> <p>Autoignition Temperature: 427°C</p> <p>Boiling Range (low - high) 77°C</p>
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## SECTION 10 - STABILITY AND REACTIVITY

Note: Materials listed as stable may become unstable up depletion of inhibitors (such as mequinol or hydroquinone), contact the manufacturer for exact levels and instructions on inhibitor maintenance.

#### Material stability

Stable

#### Incompatible materials

No data available

#### Hazardous decomposition products

No data available

#### Possibility of hazardous reactions

Hazardous polymerization may occur.

## SECTION 11- TOXICOLOGICAL INFORMATION

### Mixture Toxicity

Oral Toxicity: 3,801mg/kg  
Inhalation Toxicity: 416mg/L  
Component Toxicity

### Routes of Exposure

Ingestion

### Target Organs

Eyes            Skin            Respiratory System

### Effects of Overexposure

Inhalation	Inhalation of high vapor concentrations may cause headache, irritation of the respiratory tract, nausea, vomiting, and mild narcotic effects.
Skin Contact	Skin contact - Prolonged or repeated skin contact may result in drying and cracking of the skin.
Eye Contact	Contact with vapor or liquid may cause eye irritation.
Ingestion	No data found.
Systemic Effects	Ethyl acetate does not produce systemic effects and is one of the least toxic of the organic solvents.

### Product Components Listed as Carcinogenic

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No data available

## SECTION 12 - ECOLOGICAL INFORMATION

### Component Ecotoxicity

#### Ethyl Acetate

96 Hr LC50 *Pimephales promelas*: 220 - 250 mg/L [flow-through]; 96 Hr LC50 *Oncorhynchus mykiss*: 484 mg/L [flow-through]; 96 Hr LC50 *Oncorhynchus mykiss*: 352 - 500 mg/L [semi-static]  
48 Hr EC50 *Daphnia magna*: 560 mg/L [Static]

#### \*Proprietary

96 Hr LC50 *Brachydanio rerio*: 222 mg/L [semi-static]  
48 Hr EC50 *Daphnia magna*: 95 mg/L  
96 Hr EC50 *Pseudokirchneriella subcapitata*: 0.17 mg/L; 72 Hr EC50 *Desmodesmus subspicatus*: 0.04 mg/L

## SECTION 13 - DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### Disposal of Wastes

It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste. When discarded as shipped it is a hazardous waste by the EPA under RCRA. After addition of excess inhibitor, dispose waste material in accordance with Federal, State, and Local regulations. Comply with all applicable federal, state and local regulations. Waste disposal options include landfilling solids at permitted sites. Incinerate in a chemical incinerator equipped with an afterburner and scrubber. Use registered transporters.

#### Contaminated Packaging

Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards, due to

residual flammable material, associated with empty containers. Dispose of all empty containers properly, in accordance with Federal, State and Local regulations

## SECTION 14 - TRANSPORTATION

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Ethyl Acetate, Solution RQ: Ethyl Acetate=5000	UN1173	II	3
IATA	Ethyl Acetate, Solution	UN1173	II	3
IMDG	Ethyl Acetate, Solution F-E, S-D	UN1173	II	3

## SECTION 15 - REGULATORY INFORMATION

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING! This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:  
- None

**SARA 313**

\*Proprietary

**US State Right-to-Know Regulations**

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
	Canada DSL	Yes
	EINECS	Yes
	SARA Hazard categories	No
	TSCA Inventory	Yes

## SECTION 16 - OTHER INFORMATION

**Hazardous Material Information System (HMIS)**

HEALTH	1
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

**HMIS & NFPA Hazard Rating Legend**

\* = Chronic Health Hazard

0 = INSIGNIFICANT

1 = SLIGHT

2 = MODERATE

3 = HIGH

**National Fire Protection Association (NFPA)**





## SECTION 16 - OTHER INFORMATION - CONTINUED

THIS SAFETY DATA SHEET IS PREPARED IN COMPLIANCE WITH FEDERAL REGULATIONS (29 CFR 1910.1200), CANADIAN WHMIS REGULATIONS, ANY APPLICABLE STATE AND LOCAL REGULATIONS SHOULD BE CONSULTED. THE ABOVE INFORMATION MAY BE BASED IN PART ON INFORMATION PROVIDED BY COMPONENT SUPPLIERS AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF.

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END OF SDS