

STAR NAIL INTERNATIONAL, INC. SAFETY DATA SHEET

PRODUCT NAME: Cuccio Nail Solutions- High Gloss Top Coat

March 30, 2016

This form is regarded to be in compliance with 29 CFR Part 1910.1200

SECTION 1 : IDENTIFICATION

PRODUCT NAME: Cuccio Nail Solutions- High Gloss Top Coat

Product Use: Nail Treatment

Manufacturer's Name : Star Nail International, Inc.

Chemical Family :

Address : 29120 Avenue Paine

Proprietary Mix

City, State, Zip : Valencia, CA 91355

CAS#

Preparation Date: March 30, 2016

24 HR. EMERGENCY TELEPHONE: CHEMTEL 1-813-248-0573

2. HAZARDS IDENTIFICATION

Section 2.1 - Classification of the substance or mixture:

Hazard Class	Hazard Category
Flammable Liquid	Category 2
Acute Oral Toxicity	Category 4
Skin Corrosion / Irritation	Category 2
Serious Eye Damage/ Eye Irritation	Category 2
STOT - Single Exposure	Category 3

Section 2.2 - Label Elements

Hazard Symbols



Signal Word

Danger

Hazard Statements

- H225- Highly flammable liquid and vapour.
- H302- Harmful if swallowed.
- H315- Causes skin irritation.
- H319- Causes serious eye irritation.
- H335- May cause respiratory irritation.
- H336- May cause drowsiness or dizziness.
- H410- Very toxic to aquatic life with long lasting effects.

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. However, no warranty of merchantability, fitness for any use, or any other warranty is express or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the date hereof may suggest modification of the information, we assume no responsibility for the result of its use. This information and material furnished on the condition that the person receiving it shall make his/her own determination as to the suitability of the material for his/her particular purpose and on the condition that he/she assume the risk of his/her use thereof.

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Precautionary Statements

PREVENTION

- P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking
- P233- Keep container tightly closed.
- P240- Ground/bond container and receiving equipment.
- P242- Use only non-sparking tools.
- P243- Take precautionary measures against static discharge.
- P261- Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264- Wash skin thoroughly after handling.
- P270- Do no eat, drink or smoke when using this product.
- P280- Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE

- P301+P310+P331- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT Induce vomiting.
- P303+P361+P353- IF ON SKIN or hair: Remove 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 cautiously with water for several minutes. Remove contact lenses,continue rinsing.
- P332+P313- If skin irritation occurs: Get medical advice/attention.
- P337+P313- If eye irritation persists: Get medical advice/attention.
- P370+P378- In case of fire: Use appropriate media for extinction.

STORAGE

- P402+P404- Store in a dry place. Store in a closed container.
- P403+P233- Store in a well-ventilated place. Keep container tightly closed.
- P403+P235- Store in a well-ventilated place. Keep cool.

DISPOSAL

- P501- Dispose of contents/container in accordance with local,regional,national,and/or international regulations.

Section 2.3 - Hazards to health and environment

Most important adverse effects

Skin Irritation	Mild skin irritant, can cause non-allergic contact dermatitis
Eye Irritation	Eye irritant - both liquid and vapor
Respiratory Sensitization	Prolonged inhalation may be harmful. Can cause headaches, nausea, vomiting, and narcosis. May cause lung irritation.
Ingestion Hazard	Causes gastro-intestinal irritation, vomiting, and diarrhea. Kidney damage.

Potential environmental effects

Highly Flammable

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	EINECS#	Name	Weight %	Classification Regulation (EC) No 1278/2008 (CLP)	REACH #
141-78-6	205-500-4	Ethyl Acetate	32 - 42 %	Flammable Liquid-2 Eye Irritation-2 STOT (SE)-3 H225; H319; H336; EUH066	
64-17-5	200-578-6	Ethyl Alcohol	14 - 24 %	Flammable Liquid-2 H225	
123-86-4	204-658-1	Butyl Acetate	13 - 23 %	Flammable Liquid-3 STOT (SE)-3 H225; H319; H336; EUH066	
115-86-6	204-112-2	Triphenyl Phosphate*	0 - 7 %	Aquatic Acute-1 Aquatic Chronic-2 H410	

*Please refer to section 14

**Indicates toxic chemical (s) subject to the reporting requirements of Section313 of Title III and of 40 CFR 372.

NOTE: Definition of listed Hazard Symbols can be found in (Section 2).

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4. FIRST AID MEASURES

Section 4.1 - Description of First Aid Measures

Ingestion: SEEK IMMEDIATE MEDICAL ATTENTION. Do NOT induce vomiting.
Inhalation : Remove to fresh air. Seek medical attention.
Skin Contact : Wash affected area with soap and water.
Eyes : Irrigate with large amounts of water. Seek medical attention.

Section 4.2 - Most important symptoms and effects

Symptoms: Drowsiness, headaches, nausea, vomiting, dermatitis, diarrhea, narcosis
Effects: Non-allergic dermatitis. Skin and eye irritation.
Vapor from solvents may cause: ill effects to the renal system; central nervous system problems;
irritation to the respiratory tracts and other various mucosal membranes

Section 4.3 - Indication of immediate medical attention and special treatment needed

Hazards: No data available
Treatment: Treat Symptomatically

5. FIRE FIGHTING MEASURES

Section 5.1 - Extinguishing media

Suitable extinguishing measures

Small fire: Carbon Dioxide, foam or dry chemical extinguishers.
Large fire: Water or foam extinguishers, water fog.
Note: In all cases keep nearby containers cool by spraying with water fog.

Unsuitable extinguishing measures

Do not use a solid water stream as it may scatter and spread fire.

Section 5.2 - Special hazards arising from substance or mixture

Specific hazards during fire fighting:

Vapors are heavier than the air and spread along the ground. Vapors may form explosive mixtures with air.
Flashback possible.
Under conditions giving incomplete combustion, hazardous gases produced may consist of:
Carbon Monoxide (CO), Carbon Dioxide (CO₂), Carbon Oxides, Nitrous Oxides.

Section 5.3 - Advice to firefighters

For fires wear self-contained breathing apparatus.
Do not inhale vapors/smoke.

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6. ACCIDENTAL RELEASE MEASURES

Section 6.1 - Personal Precautions, protective equipment and emergency procedures

Use suitable protective clothing/equipment.
Eliminate all sources of ignition. No Smoking.
Use only spark resistant tools.
Bond and Ground Containers.

Section 6.2 - Environmental Precautions

Do not allow to enter water or drains.
Dispose in accordance with federal, state, local and regional regulations.
Local authorities should be advised if significant spills cannot be contained.

Section 6.3 - Methods of Containment & Cleaning Up

Eliminate sources of ignition.
Small Spills - Absorb spill with vermiculite, earth, sand, or other inert material, then place in a container for hazardous waste.
Large Spills - Contain spill with absorbent. Prevent runoff from entering drains, sewers, or streams. Absorb spill with vermiculite, earth, sand, or other inert material, then place in a container for hazardous waste.

Section 6.4 - Reference to other sections

For personal protection, see section 8
For disposal considerations, see section 13

7. HANDLING AND STORAGE

Section 7.1 - Precautions for Safe Handling -

No Smoking
Prevent static discharges. Always use proper bonding and grounding procedures.
Exposure by inhalation or skin contact should be minimized by good industrial hygiene.
Vapor is heavier than air, spreads along the ground.
Vapor can form an explosive mixture in air, common in empty unclean pails/drums.
Use non-sparking tools when handling this material.

Section 7.2 - Conditions for Safe Storage -

Storage:

Keep containers tightly closed, cool, dry & away from sources of ignition, label containers
Eliminate possible point ignition sources, e.g. No smoking, Naked flames, use proper bonding and grounding.
Use electrical equipment rated for use with flammables.
Incompatible With: Strong oxidizing agents. Acids, Alkaline, and Peroxides

Section 7.3 - Specific end uses - Recommendations:

For Use on Nails

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8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Section 8.1 - Exposure Limit Values

Substance	OSHA - PEL	ACGIH - TLV	EU EXPOSURE
	TWA	TWA	LIMITS
Ethyl Acetate	400 ppm	400 ppm	400 ppm
Ethyl Alcohol	1000 ppm	1000 ppm	1000 ppm
Butyl Acetate	150 ppm	150 ppm	150 ppm
Triphenyl Phosphate*	3mg/m3	3mg/m3	3 mg/m3

Ventilation of appropriate design is necessary to meet the above levels.

Section 8.2 - Exposure Controls

Use only with adequate ventilation; local exhaust of general room ventilation is usually required.

8.2.1 Engineering Controls:

Ensure adequate air ventilation in work areas to minimize exposure.
Provide appropriate exhaust ventilation where dust or vapor can be generated. Eyewash stations, showers.
Bonding and grounding.
Rated electrical machinery.

8.2.2 Personal Protective Equipment:

Appropriate PPE should be worn. Check federal, state, local and regional regulations.

- a) Respiratory protection: If the maximum exposure levels above are surpassed, respiratory protection is required.
- b) Hand protection: Protective Gloves (such as butyl-rubber or polyvinylchloride / nitrile rubber)
- c) Eye protection: Protective Goggles
- d) Skin protection: Protective clothing.
Wear face-shield and protective suit for abnormal processing problems.
Avoid wearing clothing that may produce static charge.
Fire resistant clothing is recommended.

Section 8.3 Environmental Exposure Controls

Do not allow to enter water ways or drains.
Federal, state, local and regional regulations authorities should be advised if significant spills cannot be contained.

Section 8.4 Hazard Rating

HMS Rating
(0=least, 1=slight, 2=moderate, 3=serious, 4=severe)
Health: 2 Fire: 3 Reactivity:1 PP:G

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9. PHYSICAL AND CHEMICAL PROPERTIES

Section 9.1 - General Information

Appearance: Liquid

Odor: Characteristic Ester Odor

Section 9.2 - Important health, safety and environmental information

Odor Threshold: No data available

PH: Not applicable

Melting/Freezing Point: Undefined

Initial Boiling Point and Boiling Point Range: 75-80° C

Flash Point: - 4° C or 24° F Method: TCC (Tag Closed Cup)

Evaporation Rate: Undefined

Flammability: Flammable, Category 2

Upper/lower explosion limits: Undefined

Vapor Pressure: Undefined

Vapor Density: Heavier than air

Relative Density: Undefined

Solubility: Undefined

Water Solubility: Insoluble

N-Octanol/Water Partition coefficient: Undefined

Autoignition Temperature: Undefined

Decomposition Temperature: Undefined

Viscosity: 400 - 475cps

Explosive Properties: Vapors may form explosive mixture with air.

Oxidizing Properties: Not applicable

Specific Gravity (H2O=1): 0.878 - 0.918

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10. STABILITY AND REACTIVITY

Section 10.1 - Reactivity

Vapors may form explosive mixture with air.

Section 10.2 - Chemical Stability

Stable under recommended storage conditions. Store away from direct sunlight.

Section 10.3 - Possibility of Hazardous Reactions:

Hazardous Polymerization will not occur.

Section 10.4 - Conditions to Avoid

Flame, electric spark, static and heat.

Section 10.5 - Incompatible Materials

Strong oxidizing agents. Acids, Alkaline, and Peroxides.

Section 10.6 - Hazardous Decomposition Products

Oxides of Carbon, nitrous Oxides.

11. TOXICOLOGICAL INFORMATION

Section 11.1 Product Information

Inhalation	May cause drowsiness and dizziness based on components. May cause irritation of respiratory tract.
Eye Contact	Irritating to eyes
Skin Contact	May cause irritation

Section 11.2 Acute Toxicity

Substance	LD50 ORAL [mg/kg]	LD50 DERMAL [mg/kg]	LC50 INHALATION [mg/l]
Ethyl Acetate	5,620	18,000	6
Ethyl Alcohol	7,060	10,000	66,000
Butyl Acetate	10,700	17,600	21
Triphenyl Phosphate*	20,000	10,000	5,000

Section 11.3 Acute Toxicity Calculations

Category 4	Category 2	Category 4
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Section 11.4 - Chronic Toxicity and CMR Effects

Reproductive Toxicity: Not Classified
 Mutagenicity: Not Classified
 Carcinogenicity: The table below indicates whether each agency has listed any ingredients as a carcinogen

Components	NTP	IARC	OSHA
Ethyl Alcohol		Group 1	X - Present

- Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

IARC (International Agency For Research on Cancer)

Group 2B - Probably Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration to the US Department of Labor)

X - Present

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12. ECOLOGICAL INFORMATION

Section 12.1 - Toxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Ethyl Acetate	3300 mg/L (IUCRID: 48 hr. Scenedesmus quadricauda)	LC50: 230 mg/L (IUCRID: 96hr, Fathead minnow)	Bacteria: 2900mg/L (IUCRID: 16hr. Pseudomonas putida)	720 mg/L (IUCRID 48hr, Daphnia magna)
Ethyl Alcohol	Not Available	LC50 Pimephales promelas: 15,300 mg/l; 96 hr; literature value	Not Available	Not Available
Butyl Acetate	675 mg/L (IUCRID: 72 hr. Desmodesmus subspicatus)	LC50: 100 mg/L (IUCRID: 96hr, Fathead minnow)	Not Available	72 mg/L (IUCRID 72hr, Daphnia magna)
Triphenyl Phosphate*	Chronic LOEC, Selenastrum capricornutum, 0.5 to 5 mg/L	Acute LC50, Oncorhynchus mykiss, 96hr. 0.4mg/L	Not Available	Acute EC50, 48hr, 1mg/L

13. DISPOSAL CONSIDERATIONS

Section 13.1 - Waste treatment methods

13.1.1 Product/Packaging Disposal

Waste from residues /unused products:

Do not dispose in sewers/sewer system. Do not contaminate ponds, waterways or ditches with chemical or used container. The product should not be allowed to enter drains, waterways or the soil. Inform the responsible authorities in case of leaks into the atmosphere or of entry into waterways, soil or drains.

Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits. Dispose of in accordance with federal, state and local regulations or contact a hazardous waste removal, treatment and disposal company.

Uncleaned empty packaging:

Do not burn, cut, weld or grind an empty container. Emptied containers retain product residue and vapors. Follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

Flash Point - 4°C or 24° F TCC (Tag Closed Cup)

Marine Pollutant Yes

Triphenyl Phosphate*

* Please refer to the 2014 CFR 49 Title - 49 Subtitle B Chapter | Subchapter C Part 171 subpart 171.4 (c)

Bulk Transport / IBC codes : Not applicable

DOT Proper Shipping Name Paint
 Technical Name Lacquer (Ethyl Acetate, Butyl Acetate)
 U.N. number 1263
 Hazard Class 3 (Flammable Liquid)
 Packing Group II

IATA Proper Shipping Name Paint
 Technical Name Lacquer (Ethyl Acetate, Butyl Acetate)
 U.N. number 1263
 Hazard Class 3 (Flammable Liquid)
 Packing Group II

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IMDG	Proper Shipping Name	Paint
	Technical Name	Lacquer (Ethyl Acetate, Butyl Acetate)
	U.N. number	1263
	Hazard Class	3 (Flammable Liquid)
	Packing Group	II
MEX	Proper Shipping Name	Paint
	Technical Name	Lacquer (Ethyl Acetate, Butyl Acetate)
	U.N. number	1263
	Hazard Class	3 (Flammable Liquid)
	Packing Group	II
ADR	Proper Shipping Name	Paint
	Technical Name	Lacquer (Ethyl Acetate, Butyl Acetate)
	U.N. number	1263
	Hazard Class	3 (Flammable Liquid)
	Packing Group	II
	Classification code	F1

15. REGULATORY INFORMATION

Section 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

UNITED STATES FEDERAL REGULATIONS:

<i>SARA:</i>	See Section 3 for reportable material.
<i>SARA TITLE III:</i>	See Section 3.
<i>CERCLA:</i>	See Section 3.
<i>TSCA:</i>	Components in this product have been verified as being on the TSCA Inventory.

European Inventory of Existing Commercial Chemical Substances (EINECS)

The components of this product are on the EINECS inventory or are exempt from inventory requirements.

CANADA WHMIS:

B2 - Flammable and Combustible Material
D2B - Eye irritation - toxic - other

STATE REGULATIONS:

Proposition 65: None

SECTION 16: ADDITIONAL REGULATORY INFORMATION

Preparation Date of SDS: March 30, 2016

DISCLAIMER: This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design and the appropriate protective mechanisms to prevent employee exposure, property damage or release to the environment. Star Nail International assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

END OF SDS

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