

MSDS

PRODUCT NAME: Cuccio Colour Veneer- Fuse

January 02, 2014

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

SECTION 1 : IDENTIFICATION

PRODUCT NAME: Cuccio Colour Veneer- Fuse

Product Use: Adhesion Improvement

Manufacturer's Name :	Star Nail International, Inc.	Chemical Family : Nail Primer
Address :	29120 Avenue Paine	Proprietary Mix
City, State, Zip :	Valencia, CA 91355	CAS# N/A

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

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on findings from related or similar materials.

- May cause eye irritation.
- Flammable liquid and vapor!
- May cause skin irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists.
- Unstable (reactive) upon depletion of inhibitor. This is only a slight risk.
- May be absorbed through the skin.



Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry Inhalation, skin contact, eye contact

Eyes: Exposure causes eye irritation. Symptoms include stinging, tearing, redness and swelling.

Skin: Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.

Ingestion: Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.

Inhalation: Vapor and mist are irritating to mucous membranes. Breathing small amounts during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects: May cause headaches, nausea, vomiting and narcotic effect if over-exposed.

Chronic Health Effects:

(Long-term) No appropriate human or animal health effects data are known to exist.

NOTE: Refer to Section 11, Toxicological Information for Details

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SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits		Carcinogen	%
					ACGIH TWA/STEL	IARC/NTP/OSHA		
Ethyl Acetate	141 - 78 - 6	205-500-4	Ethyl Acetate	400 ppm	400 ppm	Not Listed	80-85	
2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy)BIS-GMA	1565-94-2	216-367-7	Isopropylidenediphenyl bisoxyhydroxypropyl methacrylate	N/E	N/E	Not Listed	5-10	
2-Hydroxy ethyl methacrylate	868-77-9	212-782-2	HEMA	N/E	N/E	Not Listed	5-10	

N/E - None Established
N/R - Not Reviewed

N/DA - No Data Available
N/A - Not Applicable

* See section 16

Ethyl Acetate: Hazard Symbol – F, Xi Risk Phrases – R11, R36, R66, R67 Safety Phrases – S2, S16, S26, S33

2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy)BIS-GMA: Hazard Symbols – N/E Risk Phrases – N/E Safety Phrases – N/E

2-Hydroxy ethyl methacrylate: Hazard Symbols – Xi Risk Phrases – R36/38, R43 Safety Phrases – S2, S26, S28

See Section 16 for Risk and Safety Phrase Key

SECTION 4 : FIRST AID MEASURES

First Aid for Eye: If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently for 15 min. with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.

First Aid for Skin: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.

First Aid for Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.

First Aid for Ingestion: If individual is drowsy or unconscious, do not give anything by mouth; place individual on the leftside with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION 5 : FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto Ignition Temperature (vol%)
TAG Closed: 26°F / -3.3°C	400 ppm	750 ° F - 900 ° F

Method:

Extinguishing Media: Foam, dry chemical, cold water spray.

Fire Fighting

Instructions: Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, carbon dioxide. Vapors may cause a flash fire or ignite explosively. Vapors may travel a considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.



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SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spill or Release

Procedures: Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! 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. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.

SECTION 7 : HANDLING AND STORAGE

Handling: Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Wash skin thoroughly after handling.

Storage: Store in a well ventilated area. Store @ 70 + 15 ° F, allow some air space above liquid level. Keep containers closed while not in use.

Explosion Hazard: Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

SECTION 8 : EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General: To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product . Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.

Eye/ Face Protection: Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type of safety glasses.

Skin Protection: Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Wear a NIOSH/MSHA or European Standard EN 149 approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

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MSDS**PRODUCT NAME: Cuccio Colour Veneer- Fuse****January 02, 2014****SECTION 9 :**

Appearance	Odor & Odor Threshold	pH	VOC (g/L)	Specific Gravity	Viscosity	% Volatile
Clear Liquid	ester like odor	N/A	736	(H ₂ O=1):0.92	15 cps	W/W % : 50+

Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)
N/DA	N/DA	N/DA	N/DA	(Air=1):1	NA	NA	Insoluble

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto Ignition Temperature (vol%)
TAG Closed: 26°F / -3.3°C	400 ppm	750 ° F - 900 ° F

SECTION 10:**Stability:**

Stable

Hazardous Decomposition Products:

Heated material produces NO₂ , CO₂ , CO**Incompatibility (Materials to Avoid):**

Avoid oxidizing agents, acids & bases (heat)

Hazardous Polymerization:

May occur

Conditions to Avoid:

Heat, flame, ignition sources.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – Skin	Irritation-Eye
Oral LD ₅₀ (rat) : 4.0-6.0g/kg	Dermal LD ₅₀ (rabbit): >20mL/kg	Inhalation LC ₅₀ (rat) : 3500 - 8000 ppm/4 hours	Rabbit : slight	Rabbit : slight

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the oligomers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals

Sensitization	Mutagenicity	Sub-chronic Toxicity
N/DA	E. Coli: DNA Damage: 20mol/L	N/DA

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicological Information**

Acute Toxicity to fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
N/DA	N/DA	N/DA	N/DA	N/DA

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MSDS**PRODUCT NAME: Cuccio Colour Veneer- Fuse****January 02, 2014****Chemical Fate Information**

Biodegradability	N/DA	
Chemical Oxygen Demand	N/DA	

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been thoroughly investigated. Do not allow to enter drinking water supplies, wastewater, or soil

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

SECTION 14: TRANSPORTATION INFORMATION

DOT (49 CFR 172)		
Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate), 3, PGII	
Identification Number:	UN1993	
Marine Pollutant:	No	
Special Provisions:	T8,T31	
Emergency Response Guidebook (ERG) #:	128	
IATA (DGR):		
 Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate), 3, PGII	
Class or Division:	3	
UN or ID Number:	UN1993	
Packaging Instructions:	A3	
Emergency Response Guidance (ICAO)#:	3L	
IMO (IMDG):		
 Proper Shipping Name:	UN1993, Flammable liquids, n.o.s., (ethyl acetate), 3, PGII	
Class or Division:	3.2	
UN or ID Number:	UN1993	
Special Provisions & Stowage/Segregation:	None	
Emergency Schedule (EmS)#:	307	

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MSDS**PRODUCT NAME: Cuccio Colour Veneer- Fuse****January 02, 2014****SECTION 15: REGULATORY INFORMATION****US Federal Regulations**

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U. S. Clean Air Act: • NONE This product contains no ODS's
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S Clean Water Act Hazardous Substance List: • NONE The following chemicals are listed as primary pollutants: • NONE
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazard are: • IMMEDIATE (acute) HEALTH HAZARD • FIRE HAZARD
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): • Ethyl Acetate CAS# 141-78-6, RCRA Code U112
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous Substances.
SARA Title III: Section 302 (RQ)	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): • Ethyl Acetate , CAS #141-78-6, RQ (Lbs) : 5000
SARA Title III: Section 311-312:	This product is considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: • Immediate (acute) health hazard • Delayed (chronic) health hazard • Reactive hazard
SARA Title III: Section 313:	This product contains no chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.
CA Right-to-Know Law: California No Significant Risk Rule:	Ethyl Acetate CAS #141-78-6 NONE

MA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6
NJ Right-to-Know Law:	Ethyl Acetate CAS #141-78-6
PA Right-to-Know Law:	Ethyl Acetate CAS #141-78-6
FL Right-to-Know	Ethyl Acetate CAS #141-78-6
MN Right-to-Know	Ethyl Acetate CAS #141-78-6

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl Acetate CAS #141-78-6 is on the DSL List. WHMIS = B2, D2B 2,2-bis-(4-(2-hydroxy-3-methacryloxypropoxy)BIS-GMA CAS# 1565-94-2 is n/da for the DSL List. WHMIS = n/da 2-Hydroxyethyl methacrylate CAS #868-77-9 on the DSL List. WHMIS = n/da
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Labeling according to EC directives – 1999/45/EC

European Community:



PREP:

- Hazard Symbols: Xi, F
- Risk Phrases: R11, highly flammable, R36: Irritating to eyes, R43: May cause sensitization by skin contact, R66: repeated exposure may cause skin dryness and cracking, R67: Vapors may cause drowsiness and dizziness.
- Safety Phrases: S16: keep away from sources of ignition- no smoking, S26: in case of contact with eyes, rinse immediately, S28A: after contact with skin, wash immediately with plenty of water, S33: take precautionary measures against static discharges, S36/37: Wear suitable protective clothing and gloves.

SECTION 16: ADDITIONAL REGULATORY INFORMATION

EU Classes and Risk / Safety Phrases for Referenced Ingredients (See Section 2):

Hazard Symbol:

F – Flammable substances or preparations

Xi – Irritants

Risk Phrases:

R11 Highly flammable; R36 Irritating to eyes; R36/38 Irritating to eyes and skin

R43 May cause Sensitization by skin contact; R66 Repeated exposure may cause skin dryness or cracking; R67 Vapors may cause drowsiness and dizziness

Safety Phrases:

S2 Keep out of the reach of children; S16 Keep away from sources of ignition – No smoking; S26 In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice; S28 After contact with skin, wash immediately with plenty of water; S33 Take

precautionary measures against static discharges

Hazard Rating System:

NFPA: Health (2) Flammability (3) Reactivity (1)



HMIS: Health (2) Flammability (3) Reactivity (1)

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DISCLAIMER: This MSDS 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.

SECTION 17: OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:

HEALTH:	2
FLAMMABILITY:	3
REACTIVITY:	1
PERSONAL PROTECTION EQUIPMENT:	Gloves and Safety Glasses

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD IDENTIFICATION RATING:

HEALTH:	2
FLAMMABILITY:	3
REACTIVITY:	1

ABBREVIATIONS:

NA	Not Applicable	ND	Not Determined
NE	Not Established		

pm	Part per million	G	Gallon
mg	Milligram	L	Liter
gm	Gram	mol	Mole
kg	Kilogram	u	Micro
Pa	Pascals	p	Pico

LC	Lethal Concentration	LD	Lethal Dose
TC	Toxic Concentration	TD	Toxic Dose
BOD	Biological Oxygen Demand	COD	Chemical Oxygen Demand
TLM	Threshold Limit		
DOC	Dissolved Organic Carbon		

H	Hours	M	Months
D	Days	Y	Years
W	Weeks		

ACGIH	American Conference of Governmental Industrial Hygienist
CPR	Controlled Product's Regulation
DSL	Canadian Domestic Substances List
NDSL	Canadian Non-Domestic Substance List
IARC	International Agency for Research for Cancer
NOEL	No Observed Effect Level
NOAEL	No Observed Adverse Effect Level

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OSHA Occupational Safety and Health Administration
PEL Permissible Exposure Limit
TLV Threshold Limit Value

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