

## Material Safety Data Sheet

### Section 1: Identification of the Substance/Preparation and of the Company/Undertaking

**Product Name:** Professional Nail Lacquer  
**Chemical Name:** Nail Enamel

MSDS Prepared By/Date: 1/3/2013

**Manufacture:** Nail Alliance LLC.  
Nail Alliance - Atristic Inc. Missouri, USA

**Emergency Phone Number:** (800) 535-5053

**Information Contacts:** (714) 773-9758

**Product Use:** cosmetics

**Product #s :**  
50012 / 50015 / 50029 / 50041 / 50048 / 50050 / 50061 / 50065 / 50069 / 50072 / 50076 / 50095 / 50098

**Description:** Various Shades

### Section 2: Hazards Identification

#### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- Highly Flammable
- Prolonged inhalation may be harmful
- Can cause drowsiness, headaches, nausea, vomiting and narcosis
- Can cause non-allergic contact dermatitis, mild skin irritant,
- May cause eye irritation both liquid and vapor
- Causes gastro-intestinal irritation, nausea, vomiting and diarrhea.



#### Potential Health Effects, Signs and Symptoms of Exposure:

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

NOTE: Refer to Section II, Toxicological Information for Details

### Section 3: Composition/Information on Ingredients

INCI Name	CAS#	EINECS#	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Ethyl Acetate	141-78-6	205-500-4	400 ppm	400 ppm	Not Listed	15 - 25
Butyl Acetate	123-86-4	204-658-1	150 ppm	150 ppm	Not Listed	15 - 25
Nitrocellulose	9004-70-0	N/A	N/E	N/E	Not Listed	10 - 15
SD Alcohol -40B	64-17-5	200-578-6	N/E	N/E	Not Listed	10 - 15
Isopropyl Alcohol	67-63-0	200-661-7	400 ppm	200 ppm	Not Listed	1.0 - 10
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	28407-73-0	N/A	N/E	N/E	Not Listed	1.0 - 10
Triphenyl Phosphate	115-86-6	204-112-2	3 mg / m3	3 mg / m3	Not Listed	1.0 - 10
Acrylates Copolymer	25035-69-2	N/A	N/E	N/E	Not Listed	1.0 - 10

#### May Contain (+/-):

Titanium Dioxide (CI 77891)	13463-67-7	236-675-5	15 mg/m3	10 mg/m3	Not Listed	<1.00
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N/E - None Established

N/DA - No Data Available

\* See section 16

N/R - Not Reviewed

N/A - Not Applicable

### Section 4: First Aid Measures

First Aid for Eye	Irrigate with copious amount of sterile water If irritation occurs, seek medical attention immediately.
First Aid for Skin	Wash off with propriety remover, wash affected area with soap and water
First Aid for Inhalation	Remove person to fresh air. Seek medical attention
First Aid for Ingestion	Do not induce vomiting. SEEK IMMEDIATE MEDICAL ATTENTION

### Section 5: Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
24°F / -4°C Estimated	No Data	No Data

**WARNING:** Highly Flammable. Keep away from heat, and any sources of ignition. Keep containers closed

#### Method:

Extinguishing Media:	Use carbon dioxide, foam or dry chemical for small fires; Water or foam extinguishers, water fog for large fires
Fire Fighting Instructions:	Remove all ignition sources. Wear self-contained breathing apparatus and complete personal protective equipment when entering confined areas where potential for exposure to vapors or products of combustion exists.

## Section 6: Accidental Release Measures

**Spill:** Before cleaning any spills or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Dike and contain spill with inert material (e.g. sand or earth). Use ONLY non sparking tools for recovery and clean-up. Transfer liquid to containers for recovery or disposal and solid diking material to separated containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water. 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. EU Regulations require the consultation of Directive 98/24/EC. Dispose and report per regulatory requirements if necessary. Please prevent washings from entering waterways.

## Section 7: Handling and Storage

**Handling:** No smoking  
Prevent static discharges  
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, prevalent in empty unclean vessels  
Use non-sparking utensils when handling this material

**Storage:** Keep containers tightly closed when not in use.  
Store in a cool, dry place, away from heat and all types of light.  
Eliminate possible point ignition sources, e.g. No smoking, Naked flames, static discharges  
Use flame proof electrical equipment.

**Special precautions** Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handle with care

## Section 8: Exposure Controls / Personal Protection

**Engineering Controls** When working with large quantities of product, provide adequate ventilation. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

### Personal Protective Equipment

**General:** No special body protection is required under typical circumstances of use and handling. If necessary refer to appropriate standards of Canada, The E.C members states, or U.S. OHSA.

**Eye / Face Protection:** Depending on the use of this product, splash or safety glasses may be worn.

**Skin Protection:** If anticipated that prolonged and repeated skin contact will occur during use of this product, wear latex or gloves for routine industrial use.

**Respiratory Protection:** No special respiratory protection is required under typical circumstances of use or handling. If necessary, use respiratory protection.

## Section 9: Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	Vapor Density	
viscous liquid, various colors	characteristic acrylate odor	NA	(H20=1): 0.97 - 1.10	N/DA	Heavier than air	
Boiling Point/Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Evaporation Rate	Ignition	Solubility In Water (20°C)
Undefined	N/A	N/A	N/A	No Data	No Data	Insoluble
Flash Point ( °F/ °C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)				
24°F / -4°C Estimated	No Data	No Data				

## Section 10: Stability and Reactivity

**Stability:** Stable under ambient conditions when stored properly.

**Incapability (Material to Avoid):** Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and strong bases.

**Hazardous Decomposition Products:** If expose to extremely high temperatures, the product of thermal decomposition may include irritating vapors and carbon oxide gases. ( e.g. CO. CO2)

**Hazardous Polymerization:** May occur, if exposed to extremely high temperatures.

**Conditions to Avoid:** This product is incompatible with strong oxidizers, strong acids, or strong bases.

## Section 11: Toxicological Information

This product has NOT been tested on animals to obtain toxicology data. There are toxicology data for the components of the product, which are found in scientific literature. This data has not been represented in this document

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin/eyes
No info available	No info available	No info available	Mild to moderate irritation to eyes and skin near affected areas.

Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.

Suspected Carcinogen	Mutagenicity	Sub-chronic Toxicity
This product contains Isopropyl Alcohol which is not carcinogenic to humans but is listed as a Group 3 carcinogen by IARC	This product is not reported to produce mutagenic effects in humans	None known

## Section 12: Ecological Information

### Ecotoxicological Information

Acute Toxicity to aquatic life	Acute Toxicity to plants and animals	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
There are not specific data available for this product; however, very large releases of this product may be harmful or fatal to overexposed aquatic life	No Information Available	No Information Available	No Information Available	No Information Available

### Environmental Stability:

The components of this product will slowly degrade over time into a variety of organic compounds. Specific environmental data available for the components of this product are as follows

<b>Ethyl Acetate:</b>	Koc= 0.73. Water Solubility: 64,000 mg/l. Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Butyl Acetate:</b>	Koc= 1.8. Water Solubility: 120 Parts H2O at 25°C (77°F). Bioconcentration Factor= 4-14. Bioconcentration is not anticipated to be significant. This compound can be removed from contaminated environments from volatilization, and biodegradation. This compound's half-life in water is 6.1 hours.
<b>Isopropyl Alcohol:</b>	Low Kow= 0.05-0.14. Isopropyl alcohol occurs naturally; it is generated during microbial degradation of plant and animal wastes. When released on land or water, it is apt to volatilize and biodegrade. The estimated half-life in water is 5.4 days, Isopropyl alcohol is not expected to bioconcentrate.

### Chemical Fate Information

<b>Biodegradability</b>	No Information Available
<b>Chemical Oxygen Demand</b>	No Information Available

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

Waste disposal must be in accordance with appropriate Federal, State and local regulations.

## Section 14: Transport Information

### DOT (49 CFR -GND)

Excepted Quantity ( 49 CFR -173.4a) (≤ 30 ml)

Consumer Commodity, ORM-D (≤ 1.0 L)

UN1263 Paint , 3,II (>1.0 L)

### IATA (AIR):

Excepted Quantity ( Air Shipper 4.1.2) (≤ 30 ml)

Consumer Commodity, 9, ID8000 ( ≤ 0.5 L)

UN1263 Paint , 3,II (>0.5 L)

### IMDG (OCN):

Excepted Quantity (2008 IMO -3.5.1) (≤ 30 ml)

UN1263 Paint , 3,II LTD QTY(≤ 1.0 L)

UN1263 Paint , 3,II (>1.0 L)

### TDGR (Canadian GND):

Mark Package "Limited Quantity" or "Quantite Limitee" or "LTD QTY" or "Quant Ltee" (≤ 1.0 L)

UN1263, Paint related material, 3, II, (>1.0 L)

### ADR/RID (EU):

UN 1263, Paint Related Material,3,II,ADR

### MEXICO (SCT):

UN1263, Pintura,3,II, Cantidad Limitada (≤ 1.0 L)

### ADGR(AUS):

UN1263, Paint, 3, II LTD QTY (≤ 1.0L)

## 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 does not contain any Class I or Class 2 ODS
Clean Water Act: Priority Pollutant	This product contains the following Hazardous Substances as defined by the CWA: • NONE This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA
FDA:	This product complies with the appropriated sections of the Food and Drug Administration's 21 CFR subchapter G ( Cosmetics)
SARA Reporting Requirements:	SARA 304 (40 CFR Table 302.4)- Butyl Acetate, Ethyl Acetate
SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.
TSCA Inventory Status:	This product contains chemicals listed on the TSCA inventory
CERCLA Reportable Quantity (RQ):	Butyl Acetate: 5000 lbs.; Ethyl Acetate: 5000 lbs.

### State Regulations:

Ingredients in this mixture are found on the following state criteria list:

CA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol
Delaware Air Quality Management List	Ethyl Acetate, Butyl Acetate, Nitrocellulose
Massachusetts Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Nitrocellulose, Isopropyl Alcohol, Triphenyl Phosphate.
Minnesota Hazardous Substances List	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
NJ Right-to-Know Law:	Isopropyl Alcohol
New York List of Hazardous Substances	Ethyl Acetate, Butyl Acetate
PA Right-to-Know Law:	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
Washington Permissible Exposure Limits for Air Contaminants	Ethyl Acetate, Butyl Acetate, Isopropyl Alcohol, Triphenyl Phosphate.
Wisconsin Hazardous Substances List	Ethyl Acetate

**International Regulations:**

Canadian Regulations:

Ethyl Acetate CAS# 141-78-6 is on the DSL list.WHMIS= B2,D2B

Butyl Acetate CAS # 123-86-4 is on the list. WHMIS + B2, D1B, D2B

Titanium Dioxide CAS# 13463-67-7WHMIS- not controlled

This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities substances List. Class B Flammable Liquid.

**67/548/EU Requirements:**

European Community:

The primary component of this product is listed in Annex I of the EU Directive 67/548/EEC



**Ethyl Acetate:** Flammable (F). R: 11-36, R66, R67 - Highly flammable. Irritating to eyes, Repeated exposure may cause skin dryness or cracking  
Vapors may cause drowsiness and dizziness S2,S16,S26,S33

**Butyl Acetate:** R:10,R11,R36, R66, R67 - Highly flammable. Irritating to eyes, Repeated exposure may cause skin dryness or cracking  
Safety Phrases: S36/S37 , S46, S62

**Isopropyl Alcohol:** Flammable (F) . R 11-36/37-R11,67 Highly flammable. Irritating to eyes, respiratory system and skin. S: 2-7-16-24/25/26  
Keep out of the reach of children. Keep container tightly closed. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
HAZCHEM CODE : 3(Y)E

**EU Classes and Risk / Safety Phrases :**

• **HAZARDOUS SYMBOLS:**

Xi - Irritants  
F - Highly Flammable  
Xn- Harmful

• **RISK PHRASES:**

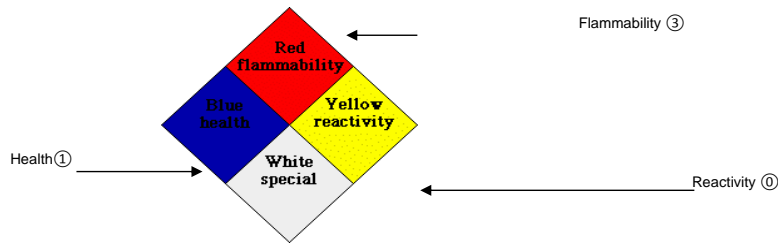
R11 Highly Flammable  
R36/38/37 Irritating to eyes, respiratory system, and skin

• **SAFETY PHRASES:**

S2 Keep out of reach of children  
S7 Keep container tightly closed  
S9 Keep container in a well-ventilated place  
S16 Keep away from sources of ignition-No Smoking,  
S23 Do not breathe vapor,  
S24/25: avoid contact with skin and eyes  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek advice  
S29 Do not empty into drains  
S33 Take precautionary measures against static discharges

**Hazard Rating System (Pictograms)**

NFPA:



HMIS:

HEALTH	
FLAMMABILITY	
REACTIVITY	
PERSONAL PROTECTION	

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