

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION

**Trade Name:** Cirque Colors Nail Lacquer

**Chemical Family:** Nitrocellulose Lacquer

**Manufacturer:** Cirque Colors, Inc.  
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Brooklyn, NY 11221  
United States  
info@cirquecolors.com  
+1 347 413 6054

**Prepared By/Date:** Cirque Colors, Inc.  
March 6, 2014

## SECTION 2 – POTENTIALLY HAZARDOUS INGREDIENTS

Chemical Identity	Percentage %	CAS Number	OSHA (PEL)	ACGIH (TLV)	Other
N-Butyl Acetate	40.0% - 50.0%	123-86-4	150 PPM	150 PPM	N/A
Ethyl Acetate	20.0% - 30.0%	141-78-6	400 PPM	400 PPM	N/A
Nitrocellulose	10.0% - 20.0%	9004-70-0	N/A	N/A	N/A
Isopropyl Alcohol	5.0% - 10.0%	67-63-0	400 PPM	400 PPM	N/A

## SECTION 3 – HAZARD IDENTIFICATION

### HMIS Rating Scale:

0 = Minimal                      1 = Slight                      2 = Moderate                      3 = Serious                      4 = Severe

### This Products Rating:

Health: 1  
Flammability: 3  
Reactivity: 0

### Primary Route of Entry:

Inhalation X                                      Skin X                                      Ingestion X

### Ingredient(s) Listed as Cancer Causing Agents?

NTP - no                                      LARC Monographs - no                                      OSHA – no

**Target Organs Affected:** N/A when used as directed

**Short Term Effect:** Inhalation of a large quantity over a prolonged period of time may be narcotic.

Ingestion of liquid will cause gastrointestinal distress, irritation and nausea.

**Eyes:** Exposure of liquid or vapor may cause mild eye irritation. Symptoms may include stinging, tearing and/or redness.

**Skin:** Exposure may cause skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include burning, drying, cracking, skin burn and/or skin damage.

**Signs and Symptoms of Over-Exposure:** Burning, tearing, and redness of the eyes, irritation of the nose and throat, skin irritation, signs of nervous system depression (e.g., drowsiness, dizziness, loss of coordination and/or fatigue).

**Medical Conditions Generally Aggravated by Exposure:** Respiratory symptoms associated with pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by exposure to the vapors of this material. Persons with pre-existing skin disorders may be more susceptible to the irritation by of this material.

#### **SECTION 4 – FIRST-AID MEASURES**

**Eye Contact:** Flush eyes with large amounts of water for at least fifteen minutes. If irritation persists, contact a physician.

**Skin Contact:** Wash exposed area with soap and water.

**Inhalation:** If dizziness occurs, move person away from source of exposure and into fresh air. Give oxygen if breathing is labored. Contact a physician immediately.

**Ingestion:** Seek medical attention. If person is drowsy, remove to fresh air. Only induce vomiting if directed by physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs.

#### **SECTION 5 – FIRE-FIGHTING MEASURES**

**Flash Point:** 10 C, Method TCC

**Flammable Limits in Air % - LEL:** 1, **UEL:** 13

**Extinguishing Media:**

Water Spray                      Dry Chemical X                      Carbon Dioxide X                      Foam X

**Fire Fighting Procedure:** Approach fire from upwind side. Avoid breathing smoke, fumes, mist or vapors. Fire fighters wear protective clothing and self-contained breathing apparatus. Do not use water, since this product will float on top of the water, causing spreading of the fire.

**Unusual Fire and/or Explosion Hazards:** If stored in drums: Containers may rupture from internal pressure if confined to a fire area. Keep drums cool with running cold water.

#### **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**Spill and Leak Procedures:** Stop leak if it can be done without risk.  
Confine Spillage. Use absorbent material. Place into disposal drums.  
Dispose according to local, state and federal regulations.

## **SECTION 7 – HANDLING AND STORAGE**

**Handling:** Avoid eye contact. Avoid repeated or prolonged skin contact.  
Avoid breathing mist or vapors. Use only in well ventilated area.  
Unvented containers may develop pressure. Open container with caution.

**Storage:** Keep containers tightly closed when not in use.  
Do not store at temperatures above 35 C.  
Do not store near heat, flame, sparks or any other sources of ignition.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

When using this product in small quantities in beauty salons, the use of a fan is recommended.

When working with large quantities:

**Personal Protective Equipment (PPE)** Eyes and Face: Face shield with safety glasses or safety goggles  
Skin: Rubber or neoprene gloves. Wear additional clothing to protect the skin.

**Engineering Controls** Closed system Filling Equipment. Use ventilation or exhaust during operations

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Water Solubility: Nil

Appearance: Opaque, various colors

Physical Form: semi-viscous Liquid

%/Wt. Volatiles: 70 - 80 %

Boiling Point: 77°C (Ethyl Acetate)

Boiling Range: 77 - 130°C

Melting Point: n/a

pH: n/a

Specific Gravity: (H<sub>2</sub>O = 1): 0.85 - 8 05. 8- 80.97

Vapor Pressure (mm Hg): 29 mm @ 20 C

Vapor Density (air = 1): 3.04 (Ethyl Acetate)

Evaporation Rate (IPA = 1)<1

Flashpoint: 7.2°C (Ethyl Acetate)

Flammable Limits:

Ethyl Acetate: 11

Butyl Acetate: 7.6

Isopropanol: 12

## **SECTION 10 – STABILITY AND REACTIVITY**

**Chemical Stability:** This product is stable under the recommended storage conditions.

**Conditions to avoid:** Storage in temperatures above 30 C. Keep away from any ignition sources.

**Contact with Materials to avoid:** Acids, Alkali, Metals, amines, Oxidizers; Keep containers tightly closed.

**Hazardous Decomposition Products:** Oxides of nitrogen, oxides of carbon, carbon aldehydes, methane.

**Hazardous Polymerization** will not occur.

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

	<b>LD50 (Oral Rat)</b>	<b>LC50 (Inhalation Rat)</b>
Ethyl Acetate	11300 mg/kg	1600 ppm
Butyl Acetate	11400 mg/kg	2000 ppm
Isopropyl Alcohol	5840 mg/kg	16000 ppm

**Ingestion:** Can cause nausea, and narcosis with weakness, drowsiness and irritation

**Eyes:** This product may be a temporary eye irritant. Prolonged contact can injure the cornea.

**Dermal:** Prolonged contact can cause dry skin.

**Inhalation Overexposure:** May cause slight dizziness and headache. May cause irritation of respiratory tract, nervous system, depression, headache

**Chronic Effects:** None known

**Carcinogenicity:** Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH

**Target Organs:** Nervous System

## **SECTION 12 – ECOLOGICAL INFORMATION**

**Ecotoxicity:** No information available

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

**Waste Disposal:** Dispose of absorbed material in accordance with local, state and federal regulations.

## **SECTION 14 – TRANSPORT INFORMATION**

**Road Transport:**

Class: 3

Packaging Group: III

Label: 3

UN Number: 1263

**Maritime Transport:**

UN Number: 1263

Class: 3

Packaging Group: III

Label: 3

Flash Point: 10 degrees C, Method TCC

**Air Transport:**

UN Number: ID8000

Class: 9

Packaging Group: II

Packaging Instr: 910 (Passenger)

**SECTION 15 – REGULATORY INFORMATION**

Labeling according to EEC-Directives.

**Symbol:** F**Indication of Danger:** Highly flammable**Risk Phrases:** 11**Safety Phrases:** 7-16-23-29-33-37 and 39**SECTION 16 – OTHER INFORMATION****Important Notice:**

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