MSDS#: KIG081106-PCP

# Material Safety Data Sheet ${\color{blue} CRYSTAL\ NAILS\ COVER\ PINK\ GEL}$

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#### Section 1 – Identification of the Substance/Preparation and of the Company/Undertakin

Material / Item Name: COVER PINK GEL

MSDS Initial Approval Date: 08/11/2006

MSDS Prepared by: JRR

Manufacturer/Distributor: Litrox Factory Investments LLC (443960-91)

US 8130 SW Portland, Oregon, Beaverton-Hillsdale Highway 97225.

**Product Use: NAIL GEL** 

Chemical Name: N/A

Label #: 4020127

Family: UV GELS

Product #: 4020127

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Polyurethane Acrylate Oligomer	Exempt	N/E	Polyurethane Acrylate Oligomer	N/E	N/E	Not Listed	75-85
Isobornyl Methacrylate	7534-94-3	231-403-1	Isobornyl Methacrylate	N/E	N/E	Not Listed	15-25
Hydroxycyclohexyl phenyl ketone	947-19-3	213-426-9	Hydroxycyclohexyl phenyl ketone	N/E	N/E	Not Listed	0-1
Titanium Dioxide	13463-67-7	236-675-5	Titanium Dioxide/CI77891	15 mg/m3	10 mg/m3	3/no/no	0-1
Yellow Iron Oxide	51274-00-1	N/E	Iron oxides/CI77492	N/E	N/E	Not Listed	0-1
Synthetic Red Iron Oxide (maroon)	1309-37-1	N/E	Iron oxides/CI77491	N/E	N/E	Not Listed	0-1
Carbazole Violet	6358-30-1	228-767-9	Pigment Violet 23/CI51319	N/E	N/E	Not Listed	0-1
D&C Violet #2	81-48-1	201-353-5	CI60725	N/E	N/E	Not Listed	0-1
N/E - None Established N/R - Not Reviewed	N/DA - No Data A N/A - Not Applic						

fety Phrases: S24/25, S28A, S37, S45 Hazard Symbols: n/da R

#### **Section 3 - Hazards Identification**

# **EMERGENCY OVERVIEW**

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

- May be slightly toxic.
- May cause moderate skin injury (reddening & swelling).
- May cause eye irritation.

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

Primary Route of Entry No specific information available.

No specific information available. Contains materials that are essentially nonirritating, but contact Eye

may cause slight transient irritation.

No specific information available. Contains materials that may cause moderate skin injury (reddening Skin

and swelling) and/or sensitization. Prolonged contact may cause blister formation (burns). Since

irritation may not occur immediately, contact can go unnoticed.

No specific information available. Contains materials that are considered to be practically nontoxic. Ingestion No specific information available. Low volatility makes vapor inhalation unlikely. Aerosol can be Inhalation

Irritating.

No specific information available. Limited tests showed no evidence of teratogenicity in animals. A Sub-Chronic Effects

lifetime skin painting study with mice showed no evidence of carcinogenicity.

NOTE: Refer to Section 11, Toxicological Information for Details

#### Section 4 - First Aid Measures

First Aid for Eye Flush eyes with water for 15 minutes, including under eyelids. If irritation continues, seek medical

attention.

First Aid for Skin Remove contaminated clothing and wash contact area with soap and water for 15 minutes.

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First Aid for Inhalation

In case of exposure to a high concentration of vapor or mist, remove person to fresh air. If breathing has stopped, administer artificial respiration and seek medical attention. If appreciable quantities

First Aid for Ingestion

are swallowed, seek medical attention.

# Section 5 - Fire Fighting Measures

Flash Point(°F/°C)	Flammable Limit(vol%)	Auto-ignition Temperature(vol%)	
>212 °F/100 °C Setaflash	No Data	No Data	

Method:

Extinguishing Media:

Fire Fighting **Instructions:** 

Use carbon dioxide or dry chemical for small fires; aqueous foam or water for large fires. 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.

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can Unusual Hazards:

result in explosions and the violent rupture of storage vessels or containers. Avoid the use of a

stream of water to control fires since frothing can occur.

#### **Section 6 - Accidental Release Measures**

Spill or Release Procedures -

Spontaneous polymerization can occur. Although material is non-flammable please try to eliminate all ignition sources. Use eye and skin protection. Place leaking containers in a well ventilated area. Dike and recover large spills. Soak up small spills with inert solids (such as vermiculite, clay) and sweep/shovel into disposal container. Wash spill area with strong detregent and water solution; rinse with water, but minimize water use during cleanup. 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. 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**

Avoid contact with skin and eyes. Avoid breathing vapor. Keep container closed when not in use. Avoid Handling

prolonged exposure to light. Remove all contaminated clothing, shoes, belts and other leather goods immediately. Incinerate leather goods (including shoes). Wash contaminated clothing thoroughly before reuse. Wash skin thoroughly with soap and water after handling. Solvents should not be used to clean skin because of

increased penetration potential.

When handling gel for product use, do not heat above 100°F/38°C or disassociation of resins in product may

occur. Material is UV light sensitive, avoid prolonged exposure to light/heat.

Store in a cool place, away from heat and light. Store at temperatures below 100°F/38°C. Storage

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in **Explosion Hazard** 

explosions and the violent rupture of storage vessels or containers.

#### Section 8 - Exposure Controls / Personal Protective Equipment

Local exhaust recommended to control exposure which may result from operations generating aerosols and **Engineering Controls** 

hot operations generating vapors.

#### 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. Chemical splash goggles. Impervious gloves (Neoprene).

Eye/ Face Protection Skin 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 Respiratory Protection exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the

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use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149.

# Section 9 - Physical and Chemical Properties

Appearance	e	Odo	r & Odor Threshol	d <sub>P</sub> H	Specific	Viscosity	%	Volatile
Clear, viscous l	iquid	chara	acteristic acrylate odo	or NA	<u>Gravity</u> (H2O=1): 1.15	N/DA	By Vol	lume: < 0.5
Boiling Point/ Freezing Point	Decom n Tempe	-	Octanol/Water Partitioning Coefficient	Vapor Pressure:	Vapor Density	Evaporation Rate (20°C)	<b>Ignition</b>	Solubility In Water
N/A	N/	A	Log Po/w N/A	(mm Hg) @ 20 C:< <u>0.01</u>	No Data	No Data	No Data	Insoluble
Flash	Point(°F/	°C)	<u>Fla</u>	ammable Limit(vol%)	<u>A</u>	uto-ignition Ten	nperature(vo	ol%)
>212 °F	/100 °C Setaf	ash		No Data		No F	Data	

### Section 10 - Stability and Reactivity

#### **Incompatibility (Materials to Avoid):**

Normally Stable Polymerization initiators including peroxides, strong oxidizing agents, copper, copper alloys, carbon steel, iron, rust and string bases.

#### **Hazardous Decomposition Products:**

# **Hazardous Polymerization:**

carbon monoxide, carbon dioxide.

Fumes produced when heated to decomposition may include: May occur -- Uncontrolled polymerization may cause rapid evolution of Heat and increased pressure that could result in violent rupture of sealed storage vessels or containers.

#### Conditions to Avoid:

Storage >100°F/38°C, exposure to light, loss of dissolved air, loss of polymerization inhibitor, contamination with incompatible materials.

#### Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye	
No information available	No information available	No information available	No information available	No information	
				available	
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	
No information available	No information available	No information available	

#### **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

# **Chemical Fate Information**

<b>Biodegradability</b>	N/DA	
<b>Chemical Oxygen Demand</b>	N/DA	

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

#### **Section 13 - Disposable Considerations**

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the genrators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations.

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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.

# **Section 14 - Transport Information**

DOT (49 CFR 172)	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	None
Emergency Response Guidance (ICAO)#:	N/A
IMO (IMDG):	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	N/A
Other Information:	Flash point >100°C

# **Section 15 - Regulatory Information**

**US Federal Regulations** 

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 no chemicals listed under the U. S. Clean Water Act Priority Pollutant List.
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 a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are:  Immediate (acute) health hazard Delayed (chronic) health hazard Reactive hazard
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302 (TPQ)	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances that carry a TPQ.
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 304 as extremely hazardous chemical for emergency release notification ("CERCLA" List).
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

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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.

This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA Section 8(b): Inventory:

TSCA premanufacture notification requirements. None of the chemicals listed have a

SNUR under TSCA. TSCA Significant New Use Rule:

State Regulations	NONE
CA Right-to-Know Law: California	NONE
No Significant Risk Rule:	
MA Right-to-Know Law:	Titanium Dioxide CAS #13463-67-7.
NJ Right-to-Know Law:	Titanium Dioxide CAS #13463-67-7.
PA Right-to-Know Law:	Titanium Dioxide CAS #13463-67-7.
FL Right-to-Know	None
MN Right-to-Know	Titanium Dioxide CAS #13463-67-7.

CDSL: Canadian Inventory (on Hydroxycyclohexyl phenyl ketone CAS # 947-19-3 is on the DSL list. WHMIS = n/da Canadian Transitional List)

Isobornyl Methacrylate CAS # 7534-94-3 is on the DSL list. WHMIS = n/da <u>Titanium dioxide</u>

CAS # 13463-67-7 is on the DSL list. WHMIS = n/da

EINECS: European Inventory: HAZARD SYMBOLS: Xi: Irritant

contact.

Risk Phrases: R20: Harmful by inhalation, R43: May cause sensitization by skin

Safety Phrases: S24/25: Avoid contact with skin and eyes, S28A: After contact

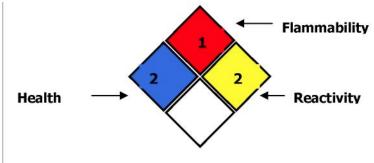
with skin, wash immediately with plenty of water, S37: Wear suitable protective

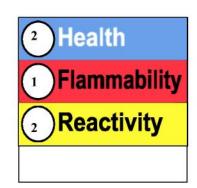
gloves, \$45: In case of accident, or if you feel unwell, seek medical advise

immediately (show the label where possible)

#### **Section 16 - Other Information**

# **Hazard Rating System**





(Pictograms)

Revised Sections since Last Version: Initial version 08/11/06

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