

MATERIAL SAFETY DATA SHEET

24 hour Emergency Response/INFOTRAC: 800-535-5053

#CGX001+

ALL SHADES CHINA GLAZE® NAIL LACQUER

COMMON NAME: FINISHED NAIL LACQUER
CHEMICAL FAMILY: NITROCELLULOSE LACQUER

SECTION I

Mfg./Dist.: Worldwide Cosmetics 12222 Sherman Way No. Hollywood, CA 91605 Phone: 818-764-0700 Fax: 818-764-6669	Date Prepared: 3/23/00 Date Reviewed: 12/27/00
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SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Common Names)	CAS #	OSHA PEL	ACGIH TLV	Other Limits Recommended	% Opt
N-Butyl Acetate	123-86-4	150 ppm	150 ppm		
*Toluene	108-88-3	200 ppm	200 ppm	20-30	
Ethyl Acetate	141-78-6	400 ppm	400 ppm		
Nitrocellulose	9004-70-04	400 ppm	400 ppm		
*Dibutyl Phthalate	84-74-2	5mg/m ³		5mg/m ³	5-10
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm		
DL-Camphor	76-22-2	2/mg/m ³		2/mg/m ³	
May contain: Toluene Sulfonamide/Formaldehyde Resin	1338-51-8	N/A	N/A		

*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

THIS PRODUCT CONTAINS TOLUENE, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

WARNING! FLAMMABLE! Do not use near heat or flame. Keep out of reach of children.

N/A = Not Applicable or Not Available N/E = Not Established N/D = No Data

HAZARD RATING: SEVERE = 4 SERIOUS = 3 MODERATE = 2 SLIGHT = 1 MINIMAL = 0

HMIS: Health = 1 Flammability = 3 Reactivity = 0 Personal Protection = G

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point (deg. F) 171°F - 228°F	Specific Gravity (H20=1) N/D	Vapor Pressure (mmHG) @20°C N/D
Melting Point N/D	Density 8.14 lbs/gal	Evaporation Rate (Butyl Acetate=1) > 1.0
Coating VOCs 1.31 lbs/gal (157 gr/L)	Material VOCs 1.31 lbs/gal (157 gr/L)	pH N/D
Solubility in Water Partial	Reactivity in Water N/D	Appearance and Odor Colored viscous liquid with strong ester odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used); 77°F TCC

Flammable Limits: LEL: 0.5 UEL: 12

Extinguishing Media: Water is the most effective fire-extinguishing medium for Nitrocellulose (use in large volumes). Dry chemical, Co2 or universal type foam could be used to extinguish small fires.

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Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use water spray to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards: Handle as flammable liquid. Vapors form an explosive mixture in air between the upper and lower explosive limits which can be ignited by sources such as pilot lights, open flames, electrical sparks, motors and switches.

SECTION V – STABILITY AND REACTIVITY DATA

Stability - Unstable: **Conditions to Avoid:** Flame, electrical sparks, static, and heat.
Stable: X

Incompatibility (Materials to Avoid): This product is incompatible with strong acids or bases, and oxidizers.

Hazardous Decomposition or Byproducts: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide, and nitrogen oxide. Under some conditions, methane, irritating aldehydes and carboxylic acids and hydrogen cyanide may be formed.

Hazardous Polymerization: **May Occur:**
Will Not Occur: X

Conditions to avoid: Elevated temperatures

SECTION VI – HEALTH HAZARD DATA/TOXICOLOGICAL INFORMATION

Eye Contact: May cause eye irritation. Direct contact with this material or exposure to its vapors, (greater than 1000 ppm prox), may cause burning, tearing, redness, and swelling.

Skin Contact: This product may cause skin irritation. Prolonged or repeated exposure to this material may cause redness and burning, drying and cracking of, and dermatitis.

Inhalation: Breathing high concentrations of vapors or mists may cause irritation of the nose and throat. Signs of nervous system depression are: (e.g.; drowsiness, dizziness, loss of coordination, and fatigue).

Ingestion: Ingestion of excessive quantities may cause irritation of the digestive tract. Signs of nervous system depression are: (e.g.; drowsiness, dizziness, loss of coordination, and fatigue).

Health Hazards (Acute and Chronic): Reports have associated repeated and prolonged occupational overexposure to solvent present in this product with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

Carcinogenicity: **NTP?** No **IARC?** No **OSHA?** No

Signs and Symptoms of Overexposure: Nervous system depression, (e.g.; drowsiness, dizziness, loss of coordination, and 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 effects of this material.

Emergency and First Aid Procedures:

Eyes: Any material that contacts the eyes should be washed out immediately and medical attention obtained if symptoms persist.

Skin: Remove from skin (with solvent if necessary, acetone or esters), then wash with soap and plenty of water.

Ingestion: Call a physician or poison control center immediately. Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person.

Inhalation: In case of irritation by vapor, remove from exposure, treat symptomatically, and get medical attention if symptoms persist.

OTHER: Smoking in area where this material is used should be **strictly prohibited**. Use with adequate ventilation. If normal ventilation is not adequate use with NIOSH approved respirator or exhaust fan. Respiratory protection programs must be in accordance with 29 CFR 1910.134.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

In Case of Spill: Stay upwind and away from spill. Keep all sources of ignition and hot metal surfaces away from spill. Keep out of drains, sewers, or waterways. Use sand or other inert material to dam and contain spill. Do not flush with water. Use

absorbent pads. For large spills call response team and notify appropriate state/local agencies. Immediately notify the National Response Center - (800-424-8802), in case the spill is in excess of EPA reportable quantity.

Waste Disposal Method: If product becomes a waste material, dispose of in accordance with local, county, state, and federal regulations.

Handling & Storage Precautions: Use non-sparking utensils when handling this material. Keep containers tightly closed, cool, dry and away from sources of ignition. While transferring this material the containers used in this process has to be effectively grounded (ultimately to an earth ground) to prevent fire or explosion risk from static accumulation in accordance with the National Fire Protection Association standard for petroleum products.

Other Precautions: Smoking in area where this material is used should be **strictly prohibited**. Use with adequate ventilation. If normal ventilation is not adequate use with NIOSH approved respirator or exhaust fan. Respiratory protection programs must be in accordance with 29 CFR 1910.134.

SECTION VIII – CONTROL MEASURES

Respiratory Protection: When vapor concentrations exceed the established exposure limits, respiratory protection is necessary. Depending on the airborne concentration, use a respirator or gas mask with appropriate cartridges and canisters, (NIOSH approved organic vapor) or supplied air equipment.

Ventilation: The ventilation system should be designed to be able to maintain airborne concentrations below the established exposure limits. If the current ventilation is not adequate to maintain this level, additional ventilation or exhaust systems may be required. Use explosion proof equipment.

Protective Gloves: The use of gloves impermeable to the specific material handled is advised to prevent skin contact and possible irritation.

Eye Protection: Safety glasses with side shields (or goggles) are recommended for any type of industrial chemical handling.

Work/Hygienic Practices: Minimize breathing vapor or mist. Avoid prolonged or repeated contact with skin. Maintain a source of clean water to be available in work area for flushing eyes and skin. Remove contaminated clothing; launder or dry-clean before use. Remove contaminated shoes. Thoroughly clean and dry before reusing. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by solvents (acetone or esters) followed by washing with soap and water. Impervious clothing should be worn as needed.

SECTION IX – TRANSPORTATION INFORMATION

Proper Shipping Name: PAINT

Hazard Class or Division: 3 (FLAMMABLE)

Identification Number (UN or NA): UN1263

Packing Group: PGIII

The following information included on Shipping Papers, per 49 CFR 172, Subpart C

Department of Transportation – Correct D.O.T. Shipping Description: PAINT, 3, UN1263, PGIII

Note: Shipping description may vary depending on size and/or type of transportation. Please refer to Code of Federal Regulations, Transportation (49 CFR) for correct shipping description.

SECTION X – OTHER INFORMATION

N/D

THE INFORMATION CONTAINED HEREIN IS BASED UPON DATA AVAILABLE TO US, AND REFLECTS OUR BEST PROFESSIONAL JUDGEMENT. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS PARTICULAR PURPOSE.