



MATERIAL SAFETY DATA SHEETS

SECTION I: SUBSTANCE IDENTIFICATION AND COMPANY INFORMATION

MANUFACTURER'S NAME: ENTITY BEAUTY, INC. **USA/CANADA EMERGENCY TELEPHONE :** 1.800.535.5053
INTERNATIONAL EMERGENCY TELEPHONE: 1.352.323.3500
INFORMATION CONTACT: INFOTRAC

ADDRESS: 440 W. ONTARIO STREET **ENTITY'S FORMULA NUMBER:** 10001766-67-68
 CHICAGO, IL 60654 USA **PRODUCT CODE:** 4022238

PRODUCT TYPE: NAIL **FAMILY:** CLEANSING AGENT
TRADE NAME: NAIL DEHYDRATOR

PRODUCT USE: NAIL PRIMER **ISSUED:** FEBRUARY 7, 2005

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

SAFETY PHRASES: S7/9, S16, S24/25, S33, S37/39, S45 **RISK PHRASES:** R11, R20/22, R36/37/38 **HAZARD SYMBOLS:** XN, F
INGREDIENTS:

CAS No.	EINECS	U. S. INCI	European INCI	Exposure OSHA	Limits ACGIH	Carcinogen	%
				TWA/STEL	TWA/STEL	IARC/NTP/OSHA	
67-63-0	200-661-7	Isopropyl Alcohol	Isopropyl Alcohol	400 ppm	400 ppm	Not Listed	40-50
141-78-6	205-500-4	Ethyl Acetate	Ethyl Acetate	400 ppm	400 ppm	Not Listed	30-40
110-19-0	203-745-1	Isobutyl Acetate	Isobutyl Acetate	150 ppm	150 ppm	Not Listed	10-20

SECTION III: HAZARDS IDENTIFICATION

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

- **Flammable liquid and vapor!**
- May cause skin irritation.
- May cause eye irritation.
- Avoid prolonged or repeated breathing of gases, vapors or mists.
- Please read entire MSDS for additional information.



Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Inhalation, skin and ingestion

Eye: Vapors are irritating to the eyes. Splashes may cause severe irritation, includes stinging, tearing, redness and pain with possible corneal damage.

Skin: Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying and 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: Vapors are irritating to nasal passages and throat and may cause stupor or headache. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

Sub-Chronic Effects: Significant exposure to this chemical may adversely affect people with chronic disease or may cause damage to the respiratory system, skin and eyes.

NOTE: Refer to Section 11, Toxicological Information for Details

SECTION IV: FIRST AID MEASURES

First Aid for Eye Flush eyes with water for 15 minutes, including under eyelids. If symptoms persist or there is any visual difficulty, seek medical help.

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 breathing has stopped, give artificial respiration. 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 left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.



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SECTION V: FIRE FIGHTING METHODS

Flash Point (°F/°C) TAG Closed: 68°F/20°C	Flammable Limit (vol. %) 400 ppm	Auto-ignition Temperature (vol. %) No Data
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Method:

- Extinguishing Media:** Use CO2, dry chemical for small fires, or alcohol type aqueous film forming foam.
- Fire Fighting Instructions:** If potential for exposure to vapors or products of combustion, wear complete personal protective equipment including self contained breathing apparatus, with full face operated in pressure demand. Fight fire from a safe distance/protected location.
- Unusual Hazards:** Flammable. When exposed to heat and flame, material is a fire explosion hazard. Vapor is heavier than air and can travel considerable distance to source of ignition and flash back. Material creates a special hazard if it floats on water.

SECTION VI: 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 sawdust. 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. 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 VII: 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 thoroughly after handling.
- Storage:** Store in well ventilated area. Store @ 70°F+/- 15°F (21°C+/-8°C), 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 move 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 VIII: EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

- 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.



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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: Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Neoprene and Nitrile rubber is better than PVC..

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-facepiece 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.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile
Clear, colorless, mobile liquid	fruity, pungent mix odor	N/A	(H2O = 1):	N/A	W/W % : 99+

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)
77°C	N/DA	N/DA	73mm Hg@20°C	(Air=1):3. 0	Butyl Acetate=1:4. 5	N/A	8.7 %

Flash Point(°F/°C)	Flammable Limit (vol. %)	Auto-ignition Temperature(vol. %)
68°F/20°C	LEL: 2 % ; UEL: 11.4 %	N/DA

SECTION X: STABILITY AND REACTIVITY

Stability: Stable

Incompatibility (Materials to Avoid):

Hazardous Decomposition Products: Carbon Monoxide

Oxidizing Agent i.e. Hydrogen peroxide , Nitric Acid , Perchloric Acid, Chromium Trioxide

Hazardous Polymerization:

Conditions to Avoid: Will not occur

Heat, flames, ignition sources, and incompatibles

SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation – skin	Irritation – Eye
Mouse: LD50 = 3600 mg/kg;	No Data	Rat = 1030 ug/m3/16W	Skin, rabbit: LD50 = 12800 mg/kg.	No Data

Sensitization	Mutagenicity	Sub-chronic Toxicity
No Data	Rat = 1030 ug/m3/16W	No Data

SECTION XII: ECOLOGICAL INFORMATION

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
The LC50/96-hour values for fish are over 100 mg/l.	N/ DA	N/ DA	N/ DA	N/ DA



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Chemical Fate Information

Biodegradability	When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. When released into water, this material may biodegrade to a moderate extent. This material is not expected to significantly bioaccumulate.
Chemical Oxygen Demand	N/DA

SECTION XIII: DISPOSABLE CONSIDERATION

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 XIV: TRANSPORTATION INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, UN1993, PGII
Identification Number:	UN1993
Marine Pollutant:	No
Special Provisions:	T8, T31
Emergency Response Guidebook (ERG) #:	128
IATA (DGR):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, UN1993, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (ethyl acetate, isopropyl alcohol), 3, UN1993, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	Flash point = 20°C

SECTION XV: REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following HAP's or ODS: • NONE
Clean Water Act: Priority Pollutant	The following ingredients are listed as hazardous pollutants under the CWA: <ul style="list-style-type: none"> • Isobutyl Acetate, CAS# 110-19-0 None of the ingredients are listed as primary pollutants nor are they listed as toxic pollutants.
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-packaging additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. It's hazards are: <ul style="list-style-type: none"> • Immediate (acute) health hazard • Fire hazard
SARA Title III: Section 302	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.



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SARA Title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> Ethyl Acetate CAS# 141-78-6, RQ (Lbs) 5000 Isobutyl Acetate CAS# 110-19-0, RQ (Lbs) 5000.
SARA Title III: Section 311-312:	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). It's hazards are: <ul style="list-style-type: none"> Immediate (acute) health hazard Fire hazard
SARA Title III: Section 313:	This product contains the following chemicals which are 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: <ul style="list-style-type: none"> Isopropyl Alcohol CAS# 67-63-0
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

State Regulations

CA Right-to-Know Law: California No Significant Risk Rule:	Ethyl Acetate CAS #141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0. NONE
MA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.
NJ Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.
PA Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.
FL Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.
MN Right-to-Know Law:	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Ethyl Acetate CAS# 141-78-6, Isopropyl Alcohol CAS #67-63-0, Isobutyl Acetate CAS #110-19-0.
EINECS: European Inventory:	B-2 Nail Prep Primer: <ul style="list-style-type: none"> HAZARD SYMBOLS: Xn, F: Harmful, Highly Flammable RISK PHRASES: R11, highly flammable, R20/22: Harmful by inhalation and if swallowed, R36/37/38: Irritating to eyes, respiratory system and skin SAFETY PHRASES: S7/9: keep container tightly closed and in a well ventilated place, S16: keep away from sources of ignition- no smoking, S24/25: avoid contact with skin and eyes, S33: take precautionary measures against static discharges, S37/39: wear suitable gloves and eyeface protection, S45: In case of accident or if you feel unwell, seek medical advise immediately (show the label where possible)



SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

NFPA: 	HMIS: 2 3 0	
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