



MATERIAL SAFETY DATA SHEETS

SECTION I: PREPARATION IDENTIFICATION AND COMPANY INFORMATION

<p>MANUFACTURER'S NAME: ENTITY BEAUTY, INC.</p> <p>ADDRESS: 440 W. ONTARIO STREET CHICAGO, IL 60654 USA</p> <p>PRODUCT CODE: ACRYLIC REMOVER WITH LANOLIN</p> <p>PRODUCT TYPE: ACRYLIC LIQUID</p> <p>PRODUCT USE: ACRYLIC NAIL REMOVER</p>	<p>USA/CANADA EMERGENCY TELEPHONE: 1.800.535.5053 INTERNATIONAL EMERGENCY TELEPHONE: 1.352.323.3500 INFORMATION CONTACT: INFOTRAC</p> <p>ENTITY'S FORMULA NUMBER: CONFIDENTIAL</p> <p>FAMILY: SOLVENT</p> <p>TRADE NAME: NAIL PRODUCT REMOVER ISSUED: 01 DECEMBER 2006 (REVISION 1)</p>
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SECTION II: COMPOSITION AND INGREDIENT INFORMATION

Hazard Information for components

Associated Risk and Safety Phrases according to EU Classification

Acetone	<p>F; Xi R11, R36, R66, R67 S 2, 9, 16, 26</p>	<p>Highly flammable; Irritating to eyes; Repeated exposure may cause skin dryness and cracking; Vapours may cause drowsiness and dizziness</p>
Isobutyl acetate	<p>Xi R10, R37/38, R41, R67</p>	
Ethyl acetate	<p>F; Xi R11, R36, R66, R67</p>	<p>Highly flammable; Irritating to eyes; Repeated exposure may cause skin dryness and cracking; Vapours may cause drowsiness and dizziness</p>
Lanolin		Not classified
CI60725 (Solvent Violet 13)		Not classified

<u>CAS Number</u>	<u>EINECS#</u>	<u>U. S. INCI</u>	<u>EU INCI</u>
67-64-1	200-662-2	Acetone	Listed in 96/335/EC as acetone
110-19-0	203-745-1	Isobutyl acetate	Listed in 96/335/EC as isobutyl acetate
141-78-6	205-500-4	Ethyl acetate	Listed in 96/335/EC as ethyl acetate
8006-54-0	232-348-6	Lanolin	Listed in 96/335/EC as lanolin
81-48-1	201-353-5	CI 60725	Solvent Violet 13

<u>Chemical Identity</u>	<u>Exposure</u> OSHA TWA/STEL	<u>Limits</u> ACGIH TWA/STEL	<u>Carcinogen</u> IARC/NTP/OSHA	<u>%</u>
Acetone	1000 ppm	750 ppm	Not listed	55-65
Isobutyl acetate	150 ppm	150 ppm	Not listed	15-20
Ethyl acetate	400 ppm	400 ppm	No/no/no	15-20
Lanolin	N/E	N/E	Not listed	0-1
D&C Violet#2	N/E	N/E	Not listed	0-1

N/E =None Established

SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

- **Flammable liquid and vapour**
- May cause eye irritation
- May cause allergic skin reaction
- Avoid prolonged or repeated breathing of gases, vapours or mists
- Please read entire SDS for additional information.



Hazard Information for Product

<u>Hazard symbols for product</u>	Xi: Irritant	
<u>Risk phrases</u>	F: Highly Flammable	
	R22	- Harmful if swallowed
	R36/37/38	- Irritating to eyes, respiratory system and skin
	R33	- Danger of cumulative effects
<u>Safety phrases</u>	S7/9	- Keep container tightly closed and in a well ventilated place
	S24/25	- Avoid contact with skin and eyes
	S33	Take precautionary measures against static discharges
	S36/37	- Wear suitable protective clothing and gloves
	S38	- In case of insufficient ventilation, wear suitable respiratory equipment
	S46	- If swallowed seek medical advice immediately and show this container or label

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry:	Inhalation, skin contact or eye contact
Eye:	Exposure may cause irritation of eyes. Liquid contact with eyes can cause symptoms including stinging, tearing, redness and swelling.
Skin:	Exposure can cause skin irritation. Repeated or prolonged contact may result in drying of the skin. Symptoms of long term dermal contact may include redness, burning, drying, cracking and skin burns
Ingestion:	Swallowing small amounts during normal use is not likely to result in harmful effects. Swallowing large quantities may be harmful. Aspiration of the product, during swallowing or vomiting, is possible and hence lung exposure is possible.
Inhalation:	High vapour and mist concentrations are irritating to mucous membranes. Breathing large amounts may be harmful. Symptoms usually occur at air concentration that are above the threshold for recommended exposure limits.
Chronic Health Effects	No sub chronic or chronic exposure information available
NOTE: Refer to Section 11, Toxicological Information for Details	

SECTION IV: FIRST AID MEASURES

First Aid for Eye:	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water for 15 minutes while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
First Aid for Skin:	Wash contaminated skin thoroughly with soap and water. Remove contaminated clothing and wash before re-use. Seek medical attention if irritation or discomfort persists.
First Aid for Inhalation:	Remove person to fresh air and give oxygen if breathing difficulties are evident. Seek medical attention if discomfort persists.



MATERIAL SAFETY DATA SHEETS

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.

SECTION V: FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Tag Closed Cup: 68°F/20°C	LEL: 2% ; UEL : 2.5%	392.8°C

Method:

Extinguishing Media: Foam, dry chemical, cold water spray.

Fire Fighting Instructions: Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. Water spray may be used to keep fire-exposed containers cool. Water may be ineffective in fighting the fire.

Unusual Hazards: Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapours may cause a flash fire or ignite explosively. Vapours may travel considerable distance to a source of ignition and flash back. Prevent build-up of vapours or gases to explosive concentrations.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Eliminate all sources of heat and ignition. Use absorbent material for spills and dyke it, wash spill material into a retaining container. Do not flush to sewer. Place retaining containers in a well ventilated area and dispose in accordance with local disposal regulations. Keep out all unnecessary or unprotected personnel. Contain and recover liquid where possible. Use non-sparking tools and equipment. Collect liquid spills by absorbing onto inert materials (e.g. vermiculite, dry sand, earth) and place in a chemical waste container. Do not use combustible materials e.g. sawdust. Refer to Section 8 for details of PPE required.

EU Regulations require consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse vapours and to protect personnel attempting to prevent further leakage and to flush spills away from exposure area.

US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. {Toll free number for US Coast Guard National Response Centre is (800) 424-8802.}

SECTION VII: HANDLING AND STORAGE

Handling: Keep containers cool and dry. Keep containers away from heat, light and ignition sources. Avoid breathing high vapour concentrations. Use only with adequate ventilation. Avoid prolonged or repeated contact with skin. Containers should be bonded and grounded for transfers to avoid static sparks. Use non-sparking type tools and equipment, including explosion proof ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid). Wash face and hands thoroughly after handling and before eating, drinking or smoking.



MATERIAL SAFETY DATA SHEETS

Storage: Store in a cool, well ventilated area away from heat, sparks or flames. Keep containers closed when not in use.
 Closed containers in transit or storage, exposed to temperatures above circa 22°C (70°F), may develop vapour pressure in headspaces. Open containers slowly and allow air space above liquid.

Explosion Hazard: Flammable liquid. Avoid ignition sources or excessive temperatures. Product (and residues in empty containers) can ignite explosively.

Vapours are heavier than air and may travel along the ground or may be moved 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 when empty).

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 – Risk assessments in workplace should be completed in accordance with Annex 4 of Directive 98/24/EC

General: To identify suitable Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment is conducted in accordance with OSHA PPE Standard (29CFR1910.132) or European Standard EN166 before using the product. Always check suitability of equipment with the supplier.

Provide eye wash stations and safety showers.
 To prevent any contact with product, wear impervious clothing e.g. gloves, boots, apron or whole body suit.

Eye/ Face Protection: The use of nitrile rubber is considered better than PVC.
 Use impermeable clothing to prevent any face/eye contact. Chemical splash goggles, in compliance with OSHA regulations are advised. Safety glasses in compliance with CEN specifications are recommended

Skin Protection: To prevent any contact with product, wear impervious clothing e.g. gloves, boots, apron or whole body suit. The use of nitrile rubber is considered better than PVC.

Respiratory Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapour 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-face piece 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	Odour & Odour Threshold	pH	Specific Gravity	Viscosity	% Volatile - (70°F)	Solubility In Water (20°C)
Clear liquid	Fruity ester odour	N/A	(H ₂ O=1): 0.98	300-400 cps	w/w%: 99+	Miscible in all proportions of water



MATERIAL SAFETY DATA SHEETS

Boiling Point/ Freezing Point 160°F / 71°C	Decomposition Temperature No data	Octanol/Water Partitioning Coefficient No data	Vapour Pressure: No data	Vapour Density (Air=1): 1.0	Evaporation Rate No data	Ignition No data
Flash Point (°F/°C) Tag Closed Cup: 68°F/ 20°C		Flammable Limit (vol%) 400 ppm		Auto-ignition Temperature (vol%) No data		

SECTION X: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.	Incompatibility (Materials to Avoid): Avoid oxidizing agents, acids & bases (heat).
Hazardous Decomposition Products: Heated material produces NO ₂ , CO ₂ , CO	Hazardous Polymerization: Will not occur
Conditions to Avoid: Heat, flame, ignition sources.	

SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity Oral LD ₅₀ (rat): 3.2 to 6.4 g/kg	Acute Dermal Toxicity Dermal LD ₅₀ (rabbit): >20 mL/kg	Acute Inhalation Toxicity Inhalation LC ₅₀ (rat): 3500 to 8000 ppm (4hr)	Irritation - skin Slight irritant (rabbit)	Irritation - Eye Slight irritant (rabbit)
Sensitization Slight potential	Mutagenicity Hamster fibroblast, 40 g/L sex chromosome loss/non disjunction: <i>S. cerevisiae</i> , 47600 ppm <i>Salmonella typhimurium</i> TA92, TA94, TA98, TA100, TA1537 with metabolic activation.		Sub-chronic Toxicity No data	

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the aliphatic ketones. The presence of further hazardous properties, not defined above, cannot be excluded.

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish Rainbow trout LC ₅₀ (96 hour static conditions): 5540 mg/L	Acute Toxicity to Invertebrates No data	Acute Toxicity to Algae No data	Bioconcentration No data	Toxicity to Sewage Bacteria No data
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Chemical Fate Information

Biodegradability	When released into the soil, this material is expected to readily biodegrade, leach into groundwater, and/or quickly evaporate.
Chemical Oxygen Demand	No data

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.



MATERIAL SAFETY DATA SHEETS

SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of dyking and absorbent materials in compliance with State, Local, and Federal regulations. Residual vapours may explode on ignition; do not cut, drill, or weld on or near the container. Mix with a compatible chemical which is less flammable and incinerate.

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.

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

SECTION XIV: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Flammable liquids, n.o.s., (acetone, isobutyl acetate), 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., (acetone, isobutyl acetate), 3, UN1993, PGII
Class or Division:	3
UN or ID Number:	UN1993
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	3L
IMO (IMDG):	
Proper Shipping Name:	Flammable liquids, n.o.s., (acetone, isobutyl acetate), 3, UN1993, PGII
Class or Division:	3.2
UN or ID Number:	UN1993
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	3-07
Other Information:	Flash point = 20°C

SECTION XV: REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAPs): <ul style="list-style-type: none"> • NONE There are no ODS's (ozone depleting substances) as defined by the U. S. Clean Air Act.
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MATERIAL SAFETY DATA SHEETS

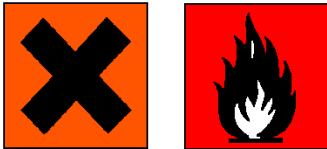
Clean Water Act:	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: • Isobutyl Acetate, CAS# 110-19-0
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be hazardous under the OSHA Hazard Communication Standard. Its hazard are: Immediate (acute) health hazard Fire hazard
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR 261): • Ethyl Acetate CAS# 141-78-6, RCRA Code U112 • Acetone, CAS# 67-64-1, RCRA Codes U002 • May contain Characteristic of Ignitability: RCRA Code: D001
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 302-304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): • Acetone, CAS# 67-64-1, RQ(lbs.): 5,000 • Ethyl Acetate CAS# 141-78-6, RQ(lbs.): 5000 • Isobutyl Acetate CAS# 110-19-0, RQ(lbs.): 5000
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 as extremely hazardous substances.
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). Its hazards are: • 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: • Acetone, CAS# 67-64-1
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA pre-manufacture notification requirements.

State Regulations

CA Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
California No Significant Risk Rule:	NONE
MA Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
NJ Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0

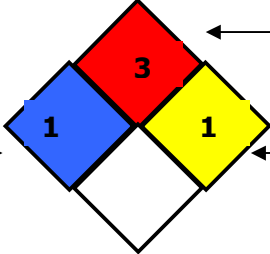
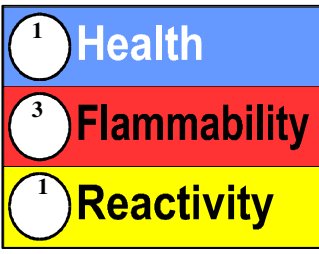
PA Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
FL Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
MN Right-to-Know Law:	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Acetone CAS# 67-64-1 is on the DSL List. WHMIS = n/da Ethyl Acetate CAS# 141-78-6 is on the DSL List. WHMIS = n/da Isobutyl Acetate CAS# 110-19-0 is on the DSL List. WHMIS = n/da Lanolin CAS# 8006-54-0 is on the DSL List. WHMIS = n/da
EINECS: European Inventory: 	Acrylic Remover with Lanolin: <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi, F: <i>Irritant, Highly Flammable</i> RISK PHRASES: R22: <i>Harmful if swallowed</i>, R36/37/38: <i>Irritating to eyes, respiratory system and skin</i>. R33: <i>Danger of cumulative effects</i> SAFETY PHRASES: S7/9: <i>keep container tightly closed and in a well ventilated place,</i> S24/25: <i>avoid contact with skin and eyes,</i> S33: <i>take precautionary measures against static discharges,</i> S36/37: <i>wear suitable protective clothing and gloves,</i> S38: <i>in case of insufficient ventilation, wear suitable respiratory equipment,</i> S46: <i>If swallowed seek medical advice immediately and show this container or label.</i>

SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

NFPA:	HMIS:
	
<p>Health →</p> <p>← Flammability</p> <p>← Reactivity</p>	

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