

1. IDENTIFICATION OF THE SUBSTANCES/PREPARATION

PRODUCT NAME: PEAK Acrylic Liquid

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
ETHYL METHACRYLATE				
HYDROXYPROPYL METHACRYLATE				
TETRAETHYLENEGLYCOL DIMETHACRYLATE				
GLYCEROL DIMETHACRYLATE				
NN DIMETHYL P TOLUIDINE				
Non-Hazardous Ingredients				
	100			

SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point/range: 200 C	Relative density: 1.08
Vapor Pressure: (mm Hg and Temperature) 26.2mm Hg at 23c	Melting Point: NA
Vapor Density: NA (Air = 1)	Evaporation Rate: Fast
Solubility in Water: Slightly soluble	Water Reactive: No
Odor: Characteristic odour Colour: Dark purple	Viscosity: Non-viscous

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: 16.0 C	Auto-Ignition Temperature: NA	Flammability Limits in Air % by Volume: NA	LEL	UEL
Extinguisher Media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.				
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.				
Exposure Hazards: Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.				

NA = Not available

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid: Heat. Hot surfaces. Sources of ignition. Flames.
Incompatibility (Materials to Avoid): Strong oxidising agents. Strong acids.	
Hazardous Decomposition Products: In combustion emits toxic fumes.	

SECTION 5 – HAZARD IDENTIFICATION

Main Hazards	Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Workplace exposure	This substance does not have a workplace exposure limit.
PBT: This substance is not identified as a PBT substance.	
Directive 1999/45/EC: This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC	
Other hazards: In use, may form flammable / explosive vapour-air mixture.	
EMERGENCY FIRST AID PROCEDURES	
Eye Contact: Bathe the eye with running water for 15 minutes. Consult a doctor.	
Skin Contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor..	
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.	
Ingestion: Do not induce vomiting. If vomiting should occur spontaneously, keep air way clear. Get medical attention. Never give anything by mouth to an unconscious person.	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: Self-contained breathing apparatus must be available in case of emergency.			
Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.			
Skin protection: Impermeable protective clothing.			
Protective Gloves: Impermeable gloves.		Eye Protection: Safety glasses. Ensure eye bath is to hand.	
VENTILATION TO BE USED	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
Other Protective Clothing and Equipment: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.			

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

Steps to be Taken if Material is Spilled Or Released:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.
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Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.
Waste Disposal Methods:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Precautions to be Taken in Handling and Storage:	Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
Other Precautions and/or Special Hazards:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

NA = Not available

SECTION 8 – TOXICOLOGICAL INFORMATION

Acute effects	Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin.
Sensitisation	May cause sensitisation by skin contact.
Repeated dose toxicity	Danger of cumulative effects.

SECTION 9 – TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact	There may be irritation and redness at the site of contact.
Eye contact	There may be irritation and redness. The eyes may water profusely.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest

SECTION 10 – ECOLOGICAL INFORMATION

Mobility	Readily absorbed into soil.
Persistence and degradability	Biodegradable.
Bioaccumulative potential	No bioaccumulation potential.
Other adverse effects	Harmful to aquatic organisms.
PBT identification	This substance is not identified as a PBT substance.

SECTION 11 – USER NOTES

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide, BEAUTY FACTORY shall not be held liable for any damage resulting from handling or from contact with the above product

NFPA Rating Health_____ Flammability_____ Reactivity_____ Special_____ HMIS
Rating Health_____ Flammability_____ Reactivity_____ Personal Protection_____

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