



MATERIAL SAFETY DATA SHEET

SECTION I: PREPARATION IDENTIFICATION AND COMPANY INFORMATION

MANUFACTURER'S NAME: ENTITY BEAUTY INC. **EMERGENCY TELEPHONE NO:** 1 800 535 5053
ADDRESS: 4700 MILLENIA BOULEVARD SUITE 150 **INFORMATION CONTACT:** INFOTRAC
 ORLANDO, FLORIDA 32839 **ENTITY'S FORMULA NUMBER:** CONFIDENTIAL
PRODUCT CODE: GCI-133A; GCI-1133B; KMS-2142A AND KMS-2142E **FAMILY:** ACRYLIC POLYMER
PRODUCT TYPE: **TRADE NAME:** GLITTER POWDER
 COLOURED NAIL SCULPTING POWDERS
PRODUCT USE: NAIL COATING **ISSUED:** 7 AUGUST 2007 (REVISION 1)

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

<u>CAS Number</u>	<u>EINECS#</u>	<u>U. S. INCI</u>	<u>EU INCI name</u>	<u>R Phrase</u>	<u>S Phrase</u>
9003-42-3	None	Polyethyl methacrylate	Polyethyl methacrylate	none	none
9011-14-7	None	Polymethyl methacrylate	Polymethyl methacrylate	none	none
94-36-0	202-327-6	Dibenzoyl peroxide	Benzoyl peroxide	2,36,43	2,3/7, 14, 36/37/39

Individual sculpting powders may also contain:

(See Section 16 for additional compound information)

13463-67-7	236-675-5	Titanium dioxide	Titanium dioxide / CI 77891	none	none
25038-59-9	None	Polyethylene terephthalate	Polyethylene terephthalate	none	none
25035-69-2	None	Acrylates copolymer	Acrylates copolymer	none	none
5281-04-9	226-109-5	Red 7	Red 7 / CI 15850	none	none
2379-74-0	219-163-6	Red 30	Red 30 / CI 73360	none	none
1317-61-9	215-277-5	Iron oxides	Iron oxides / CI 77491	none	none
81-48-1	201-353-5	Violet 2	D&C Violet 2 / CI 60725	none	none
12001-26-2	None	Mica	Mica	none	none

<u>Chemical Identity</u>	<u>Exposure OSHA</u>	<u>Limits ACGIH</u>	<u>Carcinogen</u>	<u>%</u>
	TWA/STEL	TWA/STEL	IARC/NTP/OSHA	
Polyethyl methacrylate	N/E	N/E	Not listed	65-99
Polymethyl methacrylate	N/E	N/E	Group 3/no/no	0-35
Benzoyl peroxide	5 mg/m ³	5 mg/m ³	Group 3/no/no	0-1
Titanium dioxide	15 mg/m ³	10 mg/m ³	Group 3/no/no	0-1
Polyethylene terephthalate	N/DA	N/DA	N/DA	0-1
Acrylates copolymer	N/E	N/E	Not listed	0-1
Red 7	N/E	N/E	Not listed	0-1
Red 30	N/E	N/E	Not listed	0-1
Iron oxides	N/E	N/E	Not listed	0-1
Violet 2	N/E	N/E	Not listed	0-1
Mica	N/E	N/E	Not listed	0-1

N/E =None Established
 N/DA = No available data

Hazard Symbols: **Xi** Risk Phrases: **R36/37/38, R43** Safety Phrases: **S18, S22, S24/25, S51**



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SECTION III: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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

- May cause allergic skin reaction
- May cause eye irritation
- Dust inhalation may cause irritation of nose, throat and lungs.
Risk phrases - **R36/37/38**: Irritating to skin, eyes and respiratory system,
R43: may cause sensitization by skin contact
- Please read entire MSDS for additional information.



Potential Health Effects, Signs and Symptoms of Exposure:

- Primary Route of Entry: Inhalation of dust, eyes, skin (dermal absorption is limited)
- Eye: High concentration or vapour or liquid exposure can irritate eyes.
May cause eye irritation or damage.
- Skin: Repeated or prolonged contact may cause allergic skin rashes.
- Ingestion: Higher concentration can irritate gastrointestinal system.
- Inhalation: Possible temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat and lungs.
- Sub-chronic or Chronic Health Effects: For Polymer: OSHA classifies this material as Particulates, Not Otherwise Classified. Eyes, skin and respiratory tract may be irritated by gross overexposure to Particulates, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.
- For methyl methacrylate monomer, the primary decomposition product: liquid exposure or high vapour concentration can irritate eyes, respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, staggering gait, confusion, drowsiness and unconsciousness. Repeated and prolonged exposure may cause permanent brain and nervous system damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage.
- For benzoyl peroxide: repeated or prolonged contact may cause skin sensitization.
- Unlikely to present a cancer hazard in man.
Refer to Section 11, Toxicological Information for Details

SECTION IV: FIRST AID MEASURES

- First Aid for Eye: Flush with water for 15 minutes, including under eyelids. Seek medical attention if discomfort persists.
- First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before re-use. Seek medical attention if discomfort persists.
- First Aid for Inhalation: Remove to fresh air. Seek medical attention immediately.
- First Aid for Ingestion: Rinse out mouth with water. Induce vomiting only if directed by a physician. Never give anything by mouth to an unconscious person. Seek medical advice immediately.



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SECTION V: FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Tag Closed Cup: 580°F/304°C	No data	No data

Method:

Extinguishing Media: Water, carbon dioxide, dry chemical.

Fire Fighting Instructions: Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self-contained breathing apparatus.

Unusual Hazards: Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures: Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills. EU regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse, if “unusual hazard” potential is not induced, to protect personnel attempting to stop leak, and flush spills away from exposure.

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.

SECTION VII: HANDLING AND STORAGE

Handling: Observe precautions found on the label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.

Storage: Store in a cool, dry area. Keep container closed when not in use. Store at ambient temperatures away from heat, sparks, flames and out of direct sunlight. Store in a well ventilated place. Ground all metal containers when transferring. Use explosion-proof equipment. Store away from combustibles and incompatible materials.

Explosion Hazard: Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Use process enclosures, local exhaust ventilation (particularly when processing involves buffers, grinders, sanders and polishers), or other engineering controls to maintain airborne levels below recommended exposure limits. Use explosion-proof equipment. Provide local ventilation to ensure exposure levels are maintained below airborne exposure limits.



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Personal Protective Equipment

General: To identify additional Personnel Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the UK CoSHH regulations or other appropriate EU national legislation (or OSHA PPE Standard 29CFR1910.132) be conducted before using this product.

For professional use in beauty salons, the use of a dust collector is recommended to avoid build up of airborne particulates.

Minimize contamination by following good industrial practice.

Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.

Eye/ Face Protection: Use safety glasses and have eye flushing equipment immediately available.

Skin Protection: Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended to minimise contamination.

Avoid inhaling dust and mists. Use appropriate face mask/dust mask.

Respiratory

Protection: A NIOSH/MSHA approved air purifying respirator with an organic vapour cartridge or canister may be appropriate 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 European Standard EN 149 respirator regulations (or OSHA regulations found in 29 CFR 1910.134)

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Fine, white powder	Odour & Odour Threshold Faint odour	pH N/A	Specific Gravity (H₂O=1): N/A	Viscosity N/A	% Volatile - N/A	Solubility In Water (20°C) insoluble
Boiling Point/ Freezing Point N/DA	Decomposition Temperature N/DA	Octanol/Water Partitioning Coefficient N/A	Vapour Pressure: N/A	Vapour Density (Air=1): N/DA	Evaporation Rate N/DA	Ignition N/A
Flash Point (°F/°C) TAG Closed: 580°F/ 304°C		Flammable Limit (vol%) N/A		Auto-ignition Temperature (vol%) N/A		

SECTION X: STABILITY AND REACTIVITY

Stability: Chemically stable under normal conditions	Incompatibility (Materials to Avoid): Strong oxidizing agents.
Hazardous Decomposition Products: Methacrylate monomers	Hazardous Polymerization: Will not occur.
Conditions to Avoid: Heating above 240°C, 464°F.	



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SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
Copolymer: LD50 Oral (rat) = 7990 mg/kg	Copolymer: LD50 Dermal (rabbit) = 35,500 mg/kg	Copolymer: LD50 Inhalation (rat) = >12,500 - 16,500 ppm for 0.5 hrs.	mild	mild
Sensitisation		Mutagenicity	Sub-chronic Toxicity	
Benzoyl peroxide is a known sensitiser, present at up to 1% of final product.		No data	No data	

SECTION XII: ECOLOGICAL INFORMATION

Ecotoxicological Information

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity to Algae	Bioconcentration	Toxicity to Sewage Bacteria
Flathead minnows and goldfish, TLm24: 420 ppm; bluegills TLm24: 368 ppm	No data	No data	No data	No data
TLm24 = median tolerance limit (24 h exposure).				

Chemical Fate Information

Biodegradability	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.
Chemical Oxygen Demand	No data	

SECTION XIII: DISPOSAL CONSIDERATIONS

May be disposed of in a landfill or incinerated. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, the user should be aware that national or regional provisions may be in force.

SECTION XIV: TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name:	Not regulated
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Not regulated
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Not regulated
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Other Information:	Flash point > 100°C




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SECTION XV: REGULATORY INFORMATION

US Federal Regulations

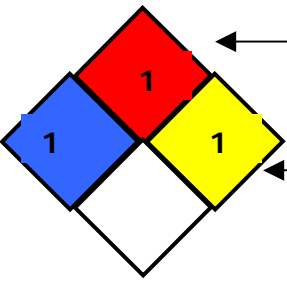
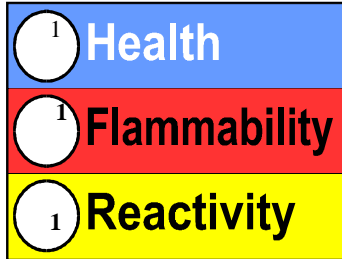
Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) as defined by the U.S. Clean Air Act - NONE This product does not contain any Class 1 or Class 2 ozone depleting substances (ODS).
Clean Water Act:	This product contains the following Hazardous Substances as defined by the CWA - NONE This product does not contain any substances that are a Priority Pollutant or Toxic Pollutant under the CWA.
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 not considered to be hazardous under the OSHA Hazard Communication Standard.
RCRA	This product contains no chemicals considered to be 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 Sec. 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List).
SARA Title III: Section 311-312:	This product does not contain hazardous substances under the OSHA Hazard Communication standard, and is not regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains the following substances 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 - NONE
TSCA Section 8(b): Inventory: TSCA Significant New Use Rule:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements. None of the chemicals listed have a SNUR under TSCA.

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	polyethyl methacrylate, CAS# 9011-14-7 is on the DSL List. WHMIS: not listed polymethyl methacrylate CAS# 9003-42-3 is on the DSL List. WHMIS: not listed benzoyl peroxide CAS #94-36-0 is on the DSL list. WHMIS: C, D2B, B4 Titanium Dioxide CAS #13463-67-7, WHMIS = Not controlled Acrylates Copolymer CAS # 25035-69-2 is on the DSL list. WHMIS = not listed
EINECS: European Inventory: 	COLOURED NAIL SCULPTING POWDERS (4 varieties): <ul style="list-style-type: none"> • HAZARD SYMBOL: Xi: Irritant • RISK PHRASES: • R36/37/38: Irritating to eyes, respiratory system and skin • R43: May cause sensitisation by skin contact <p>SAFETY PHRASES: S18: handle and open container with care S22: do not breath dust S24/25: avoid contact with skin and eyes S51: use only in well ventilated areas.</p>

SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

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

In addition to the primary contents detailed in section 2, Coloured Nail Sculpting Powder may also contain one, some or all of the following chemicals:

Chemical Identity / INCI Name

Acrylates Copolymer
 D&C Red #7 / CI15850
 D&C Red #30 / CI73360
 D&C Violet #2 / CI60725
 Iron Oxide Black / CI77489
 Polyethylene terephthalate
 Mica

These ingredients are present at 0-1% of the final product and are not listed in Directive 76/768/EEC (as amended by 82/368/EEC and 2003/83/EC) Article 4(b) Annex III – List of substances which cosmetic products must not contain except subject to the restrictions and conditions laid down. The ingredients are listed in Annex IV to this directive and the indication is that these materials are allowed in all cosmetic products without further limitations.

OSHA PEL for nuisance dust: 15 mg/m³ (total dust); 5 mg/m³ (respirable dust) and ACGIH PEL for nuisance dust: 10 mg/m³.

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