



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
CHICAGO, IL 60654 USA

ENTITY'S FORMULA NUMBER: CONFIDENTIAL
PRODUCT CODE: KMS-2124A, KMS-2146A, KMS- 2146B,
KMS-2146C, KMS-2146D, KMS-2146E

PRODUCT TYPE: COLORED ACRYLIC POLYMER

FAMILY: ACRYLIC POLYMER
TRADE NAME: NUDITE SCULPTING POWDERS (6)

PRODUCT USE: NAIL POLYMER

ISSUED: DECEMBER 20, 2005 (REVISION 1)

SECTION II: COMPOSITION AND INGREDIENT INFORMATION

Hazard Symbols: Xi **Safety Phrases:** S18, S22, S24/25, S38 **Risk Phrases:** R36/37/38

<u>CAS Number</u>	<u>EINECS#</u>	<u>U. S. INCI</u>	<u>EU INCI</u>
9003-42-3	N/E	Poly (ethyl methacrylate)	Polyethyl Methacrylate
9011-14-7	N/E	Poly (methyl methacrylate)	Polymethyl Methacrylate
13463-67-7	236-675-5	Titanium dioxide	Titanium dioxide/CI77891
94-36-0	202-327-6	Dibenzoyl peroxide	Benzoyl peroxide
May contain the following:		Please see Section 16 for additional compounds	

<u>Chemical Identity</u>	<u>Exposure</u>	<u>Limits</u>	<u>Carcinogen</u>	<u>%</u>
	OSHA TWA/STEL	ACGIH 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
Titanium dioxide	15 mg/m ³	10 mg/m ³	Group 3/no/no	0-1
Dibenzoyl peroxide	5 mg/m ³	5 mg/m ³	Group 3/no/no	0-1

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 may cause irritation of the nose, throat and lungs.
- This product may contain particulate, not otherwise classified (Nuisance Dust)
- Please read entire MSDS for additional information.

Potential Health Effects, Signs and Symptoms of Exposure:

Primary Route of Entry: Eyes or skin (No Absorption); inhalation of dust

Eye: Higher concentration can irritate eyes. May cause eye irritation or damage.

Skin: Repeated or prolonged exposure 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.



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Sub-Chronic Effects: For polymer: Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.
For decomposition product – methyl methacrylate monomer: liquid or high vapor 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.

NOTE: 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 help if discomfort persists.
First Aid for Skin: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if discomfort persists.
First Aid for Inhalation: Remove to fresh air. If having breathing difficulty, give oxygen. If breathing has stopped, give artificial respiration. Get medical help if discomfort persists.
First Aid for Ingestion: Rinse mouth out with water. Only induce vomiting if directed by a physician. Never give anything by mouth to an unconscious person. Seek prompt medical attention.

SECTION V: FIRE FIGHTING METHODS

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
Tag Closed Cup: 580°F/304°C	N/A	N/E

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.

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 place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment.



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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, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.

Personal Protective Equipment

General: Dust collectors are recommended for handling powder in bulk.

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

Skin Protection: Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.

Respiratory Protection: Avoid breathing dust. Use dust mask.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Fine, white powder	Odor & Odor Threshold Faint odor in bulk	pH N/A	Specific Gravity N/A	Viscosity N/A	% Volatile - N/A			
Boiling Point/ Freezing Point N/A	Decomposition Temperature N/A	Octanol/Water Partitioning Coefficient Log Po/w N/A		Vapor Pressure: N/A	Vapor Density N/A	Evaporation Rate N/A	Ignition N/A	Solubility In Water (20°C) insoluble
Flash Point (°F/°C) Tag Closed Cup: 580°F/304°C		Flammable Limit (vol%) N/A			Auto-ignition Temperature (vol%) N/A			

SECTION X: STABILITY AND REACTIVITY

Stability:

Stable

Hazardous Decomposition Products:

Methacrylate monomers

Conditions to Avoid:

Heating above 240°C, 464°F

Incompatibility (Materials to Avoid):

Strong oxidizing agents

Hazardous Polymerization:

Will not occur

SECTION XI: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity LD50 (rat) : 7990 mg/kg	Acute Dermal Toxicity LD50 (rabbit): 35,500 mg/kg	Acute Inhalation Toxicity LC50 (rat): >12,500 to 16,500 ppm for 0.5 hours	Irritation - skin mild	Irritation - Eye mild
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Sensitization N/DA	Mutagenicity N/DA	Sub-chronic Toxicity N/DA
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RTECS #: 9011-14-7: TR0400000

SECTION XII: ECOLOGICAL INFORMATION



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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 TLm: 368 ppm	N/DA	N/DA	N/DA	N/DA

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

SECTION XIII: DISPOSABLE CONSIDERATION

May be disposed of in a landfill or incinerated. Follow Federal, State and Local regulations for disposal. 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:	Non-regulated material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	N/A
Emergency Response Guidebook (ERG) #:	N/A
IATA (DGR):	
Proper Shipping Name:	Non-regulated material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	
Emergency Response Guidance (ICAO)#:	
IMO (IMDG):	
Proper Shipping Name:	Non-regulated material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	
Other Information:	Flash point > 100°C

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: <ul style="list-style-type: none"> • None This product does not contain any Class1 or Class 2 ODS.
Clean Water Act:	This product contains the following Hazardous Substances as defined by the CWA: <ul style="list-style-type: none"> • 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.




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Occupational Safety and Health Act	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> NONE
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:	Benzoyl peroxide CAS #94-36-0 NONE
MA Right-to-Know Law:	Titanium dioxide CAS #13463-67-7; Benzoyl peroxide CAS #94-36-0
NJ Right-to-Know Law:	Titanium dioxide CAS #13463-67-7; Benzoyl peroxide CAS #94-36-0
PA Right-to-Know Law:	Titanium dioxide CAS #13463-67-7; Benzoyl peroxide CAS #94-36-0
FL Right-to-Know Law:	Benzoyl peroxide CAS #94-36-0
MN Right-to-Know Law:	Titanium dioxide CAS #13463-67-7; Benzoyl peroxide CAS #94-36-0

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Polyethyl methacrylate DSL regulatory status: Included, WHMIS: N/DA Polymethyl methacrylate DSL regulatory status: Included, WHMIS: N/DA Titanium dioxide DSL regulatory status: Included, WHMIS: not controlled Benzoyl peroxide DSL regulatory status: included, WHMIS = C, D2B, B4
	Nudite Sculpting Powders (6): <ul style="list-style-type: none"> HAZARD SYMBOLS: Xi: Irritant RISK PHRASES: R36/37/38: Irritating to eyes, respiratory system and skin SAFETY PHRASES: S18: handle and open container with care, S22: do not breathe dust, S24/25: avoid contact with skin and eyes, S38: in case of insufficient ventilation, wear suitable respiratory equipment



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SECTION XVI: OTHER INFORMATION

Hazard Rating System (Pictograms)

<p>NFPA:</p>		<p>HMIS:</p>	<p>1 1 1</p>	
<p>Respiratory protection may be necessary depending on conditions of use. Refer to Section 8 of this MSDS for respiratory protection guidelines.</p>				

MAY CONTAIN THE FOLLOWING CHEMICALS:

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
FD&C Blue #1	3844-45-9	223-339-8	Blue 1/CI42090	N/E	N/E	Not listed	0-1
Yellow No. 4	1934-21-0	217-699-5	Yellow 5/CI19140	N/E	N/E	Not listed	0-1
D&C Red#7	5281-04-9	226-109-5	Red 7/CI15850	N/E	N/E	Not listed	0-1
D&C Red #30	2379-74-0	219-163-6	Red 30/CI73360	N/E	N/E	Not listed	0-1
D&C Orange #5	596-03-2	209-876-0	Orange 5/CI45370	N/E	N/E	Not listed	0-1
D&C Violet #2	81-48-1	201-353-5	Violet 2/CI60725	N/E	N/E	Not listed	0-1
Iron oxide black	1317-61-9	215-277-5	Iron oxide/CI77489	N/E	N/E	Not listed	0-1
Red iron oxide	1309-37-1	215-168-2	Iron oxide/CI77491	10 mg/m ³	5 mg/m ³	Group3/no/no	0-1
Yellow iron oxide	51274-00-1	257-098-5	Iron oxides/CI77492	N/E	N/E	Not listed	0-1
Mica	12001-26-2	N/E	Mica	N/E	3 mg/m ³	Not listed	0-1
N/E = None established	N/R = Not reviewed	N/DA = No data available	N/A = Not applicable				

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