

MATERIAL SAFETY DATA SHEET
ACRYLIC POWDER

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Acrylic Powder Clear
Use of substance / mixture: NAIL POLYMER
Details of the supplier
Company name: **PNP (Professional Nail Products)**
Distributed in the UK by LashBase Limited, Waterlooville PO7 7XN U.K.
Tel: +44 (0) 2392 251425
Email: sales@lashbase.co.uk

National Poison Centre Netherlands tel: +31 (0)30 - 2748888
'Only for the purpose of informing medical personnel in cases of acute intoxications'.

SECTION 2. HAZARDS IDENTIFICATION

2.1. 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)

2.2. 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 respiratory system.
Inhalation	Possibly 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 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 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 over 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 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
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Poly (ethyl methacrylate)	9003-42-3	N/E	Polyethyl-methacrylate	N/E	N/E	Not Listed	95-99
Dibenzoyl Peroxide	94-36-0	202-327-6	Benzoyl Peroxide	5 mg/m3	5 mg/m3	3/no/no	0-1
N/E – None Established N/DA – No data Available							
N/R – Not Reviewed N/A – Not Applicable							
This product is not considered hazardous by OSHA Hazard Communication Standard.							
Poly (ethyl methacrylate): Hazard Symbol: N/E Risk Phrases: N/E Safety Phrases: S24/25							

NOTE: See Section 16 for Risk and Safety Phrase Key

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Eye	Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
Skin	Wash with soap and water. Get medical help if discomfort persists.
Inhalation	Remove to fresh air. Get medical help if discomfort persists.
Ingestion	Rinse mouth out with water. Call doctor if amount was large.

SECTION 5. FIRE-FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol%)
TAG Closed: 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 6. ACCIDENTAL RELEASE MEASURES

Clean-up procedures	Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.
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SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling requirements	Observe precautions found on then 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.
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in 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. Store away from combustibles and incompatible materials.
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7.3. Specific end use(s)

Explosion Hazard	Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.
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SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Engineering Controls

Engineering controls	Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Use explosion proof equipment. Provide ventilations if necessary to control exposure levels below airborne exposure limits.
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8.2. 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 and mist. Use dust mask.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State	Fine, white powder
Form	NA
Odor	Faint odor in bulk
Boiling Point/Freezing Point	NA
Melting point/range	NA
Flash point (°F/°C)	TAG Closed: 580°F/304°C
pH	NA
Evaporation rate	NA
Vapour pressure	N/A
Vapour density	NA
Solubility In Water (20°C)	Insoluble
Specific Gravity	NA
Viscosity	NA
% Volatile	NA
Decomposition Temperature	NA
Ignition	NA
Octanol/Water Partitioning Coefficient	NA (Log Po/w)
Flammable Limit (vol%)	NA
Auto-ignition Temperature (vol%)	NE

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Chemical stability	Stable.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Heating above 240 °C, 464 °F
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10.5. Incompatible materials

Materials to avoid	Strong oxidizing agents.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Methacrylate monomers
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10.7. Hazardous Polymerization

Hazardous Polymerization	Will not occur
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SECTION 11. TOXICOLOGICAL INFORMATION

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the copolymers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.		
Sensitization	Mutagenicity	Sub-chronic Toxicity
No information available	No information available	No information available

RTECS#: n/da

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicological Information

Since this product contains a very low concentration of active components, the primary toxicological information is derived from the copolymers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.		
No information available	No information available	No information available

Chemical Fate Information

Biodegradability	N/DA
Chemical Oxygen Demand	N/DA

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.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations	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.
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SECTION 14. TRANSPORT INFORMATION

DOT (49 CFR 172)	
Proper Shipping Name	Non-Regulated Material
Identification Number	NA
Marine Pollutant	No
Special Provisions	NA
Emergency Response Guidebook (ERG)#	NA
IATA (DGR)	
Proper Shipping Name	Non-Regulated Material
Class or Division	NA
UN or ID Number	NA
Packaging instructions	
Emergency Response Guidance (ICAO)#	
IMO (IMDG)	
Proper Shipping Name	Non-regulated Material
Class or Division	NA
UN or ID Number	NA
Special Provisions & Stowage/Segregation	None
Emergency Schedule (EmS)#	

Other Information	Flash point > 100°C
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SECTION 15. REGULATORY INFORMATION

15.1. US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> NONE
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: <ul style="list-style-type: none"> NONE
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 a hazardous chemical 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.
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 chemicals outlined in SARA Title III: Section 313: <ul style="list-style-type: none"> Benzoyl Peroxide CAS #94-36-0.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule:	None of the chemicals listed have a SNUR under TSCA.


15.2. State Regulations

CA Right-to-Know Law California No Significant Risk Rule	Benzoyl Peroxide CAS #94-36-0 NONE
MA Right-to-know Law	Benzoyl Peroxide CAS #94-36-0
NJ Right-to-know Law	Benzoyl Peroxide CAS #94-36-0
PA Right-to-know Law	Benzoyl Peroxide CAS #94-36-0
FL Right-to-know Law	Benzoyl Peroxide CAS #94-36-0
MN Right-to-know Law	Benzoyl Peroxide CAS #94-36-0

15.3 . International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Polymethyl methacrylate CAS# 9011-14-7 is on the DSL List. WHMIS = n/da Benzoyl Peroxide CAS #94-36-0 is on the DSL List. WHMIS = C, D2B, B4
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15.4. Labeling according to EC Directives – 1999/45/EC

European Community: 	PolyPure Clear: <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 breath dust, S24/25: avoid contact with skin and eyes, S38: in case of insufficient ventilation, wear suitable respiratory equipment.
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SECTION 16. OTHER INFORMATION

16.1. EU Classes and Risk / Safety phrases for Referenced Ingredients (See Section 2)

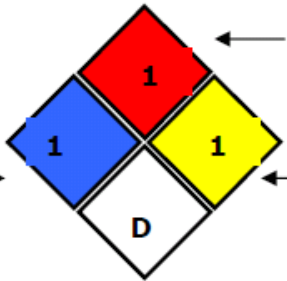
Hazard Symbol	NE
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Risk Phrase	NE
Safety Phrase	S24/25 Avoid contact with skin and eyes:

16.2. Hazard Rating System (Pictograms)

Hazard Rating System (Pictograms)

NFPA:

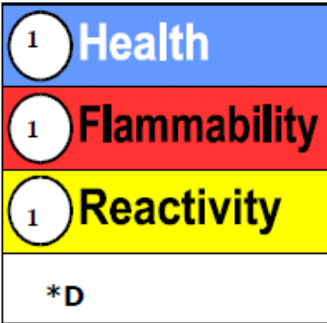


Health → 1 ← Flammability

1 ← Reactivity

D

HMIS:



1 Health

1 Flammability

1 Reactivity

*D

* - Respiratory protection may be necessary depending on conditions of use. Refer to Section VIII of this MSDS for respiratory protection guidelines.

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

Other information:

Disclaimer	<p>The information is based on our current knowledge to date and is intended to describe the product with regard to safety precaution to be taken. It does not constitute an assurance of properties in the legal sense. Therefore, LashBase Limited makes no warranty, express or implied, regarding the accuracy of the data. Health and safety precautions may not be adequate for all individuals. It is the user's obligation to make certain that this safety data sheet is the most current for product to evaluate the information contained in this sheet in connection with the uses to which the product is to be put in the workplace and to use the product safely in accordance with applicable laws and regulations. LashBase Limited assumes no responsibility for injury from the use of the product described in a way different from that provided in the label direction.</p>
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