

Material Safety Data Sheet

Acryl CLEAR

Section 1 - Identification of the Substance/Preparation and of the Company/Undertaking

Product Name: POLYMER CLEAR
 Chemical Name: N/A

MSDS Approval Date:	07/15/2003
MSDS Prepared by:	BSQ

Family: ACRYLIC POLYMER

Manufacturer: ABC International Sp. z o.o.
 Ul. Odolańska 10 Warszawa 02-560

Product Use: NAIL POLYMER

Emergency Phone Numbers: (0048)42 631 47 24

Product #: various

Information Contacts: (0048)228800455

Section 2 - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure		Limits		Carcinogen	%
				OSHA TWA/STEL	ACGIH TWA/STEL	IARC/NTP/OSHA			
Poly (ethyl methacrylate)	9003-42-3	N/E	Polyethylmethacrylate	N/E	N/E	Not Listed	65-99		
Poly (methyl methacrylate)	9011-14-7	N/E	Polymethyl Methacrylate	N/E	N/E	Group 3/no/no	0-35		
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								

Hazard Symbols: Xi Risk Phrases: R36/37/38

Safety Phrases: S18, S22, S24/25, S38

This product is not considered hazardous by OSHA Hazard Communication Standard.

Section 3 - 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)

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 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 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 4 - First Aid Measures

First Aid for Eye Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.

First Aid for Skin Wash with soap and water. Get medical help if discomfort persists.

Material Safety Data Sheet

Acryl CLEAR

Hazardous Decomposition Products: methacrylate monomers oxidizing agents
 Conditions to Avoid: Heating above 240 deg C, 464 deg F Hazardous Polymerization: will not occur

Section 11 - Toxicological Information

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - skin	Irritation - Eye
LD50 Oral (Rat) : 7990mg/kg	LD50 Dermal (Rabbit): 35,500 mg/kg	LC50 Inhalation (Rat) : >12,500 to 16,500 ppm for 0.5 hours	mild	mild

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#: 9011-14-7: TR0400000

Section 12 - 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	N/DA	N/DA	N/DA	N/DA

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 - Disposable Considerations

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 14 - Transport 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 15 - Regulatory Information

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

Material Safety Data Sheet

Acryl CLEAR

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.

State Regulations

CA Right-to-Know Law:	Benzoyl Peroxide CAS #94-36-0
California No Significant Risk Rule:	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

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Polymethyl methacrylate CAS# 9011-14-7 is on the DSL List. WHMIS = n/da Polyethylmethacrylate CAS# 9003-42-3 is on the DSL List. WHMIS = n/da Benzoyl Peroxide CAS #94-36-0 is on the DSL list. WHMIS = C, D2B, B4
EINECS: European Inventory:	Polymer 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.



Section 16 - Other Information

Hazard Rating System (Pictograms)

NFPA:	HMIS:
* - 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

Revised Sections since Last Version:	Section 2 % changed from <, > to range, headers changed, format update
--------------------------------------	--

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a

Material Safety Data Sheet

Acryl CLEAR

component of another product, the information contained within the MSDS may not be applicable. If one could have any concerns with or problems understanding this MSDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at (0048)42 631 47 24.