

MATERIAL SAFETY DATA SHEET**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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CHEMICAL NAME: Acrylic polymer based on methyl methacrylate

PRODUCT: KRYSTAL KLEER POWDER

PRODUCT NUMBERS: 11 10 50

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS NUMBER:	%	HAZARD SYMBOLS	R-PHRASES
Barbituric acid derivative		<1	Xi	36, 38

3. HAZARDS IDENTIFICATION

HAZARD DESCRIPTION: May cause sensitisation by skin contact

INFORMATION CONCERNING PARTICULAR HAZARDS TO MAN AND THE ENVIRONMENT: Not Applicable.

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Get medical help if discomfort persists.
EYES: 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.
INGESTION: Rinse mouth out with water. Call doctor if amount was large.

5. FIRE FIGHTING MEASURES

EXTINGUISHER METHOD: Water, carbon dioxide, dry chemical, foam

UNSUITABLE METHODS: Water with full jet

SPECIAL FIRE FIGHTING PROCEDURES: No special measures required

UNUSUAL FIRE AND EXPLOSION HAZARDS: Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSON RELATED SAFETY PRECAUTION: Avoid eye and skin contact.
MEASURES FOR ENVIRONMENTAL PROTECTION: No special measures required.
MEASURES FOR CLEANING/COLLECTING: Pick up mechanically. Dispose of according to regulations.
ADDITIONAL INFORMATION: No dangerous substances are released.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Prevent formation of dust.
INFORMATION ABOUT FIRE- AND EXPLOSION PROTECTION: At higher quantities take measures against electrostatic discharges. In event of a fire, the endangered product should be cooled with water.
PRECAUTIONS TO BE TAKEN IN STORAGE: No special requirements. Store in dry conditions.

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STORAGE TEMPERATURE: Preferably not exceeding 35 °C.

OTHER PRECAUTIONS: Wash thoroughly after use and before eating or smoking.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Components or products of decomposition according to point 10, with limit values related to the place of work which require monitoring.

OCCUPATIONAL EXPOSURE LIMITS:

HAZARDOUS INGREDIENT (S):	TLV (TWA):	TLV (STEL):
Methyl Methacrylate	410 mg/m ³	510 mg/m ³

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENE MEASURES: The usual precautionary measures are to be adhered to when handling chemicals. Do not inhale dust.

RESPIRATORY PROTECTION (SPECIFY TYPE): Filtering half mask during dust formation above of the MAK worth.

VENTILATION: Local exhaust at processing equipment.

PROTECTIVE GLOVES: Protective gloves.

EYE PROTECTION: Safety glasses or chemical splash goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Powder

COLOUR: White

ODOUR: Odourless

SOFTENING TEMPERATURE: ~ 102 °C

SPECIFIC GRAVITY (H₂O=1): NA

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

DENSITY: 1.16 g/cm³

BULK DENSITY: 600-650 kg/m³

FLASH POINT: >250 °C

AUTOIGNITION TEMPERATURE: >400 °C

FLAMMABLE LIMIT, AIR VOL % LOWER: NA
UPPER: NA

SOLUBILITY IN WATER: Insoluble

SOLUBILITY IN SOLVENTS: Readily soluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS: No hazardous products during normal appropriation.

HAZARDOUS POLYMERIZATION: During thermal decomposition, irritating vapours to the eyes and respiratory may be formed consisting mainly of Methyl Methacrylate

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY: There are no toxicological data available for this product.

CARCINOGENICITY: There are no toxicological data available for this product.

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ADDITIONAL TOXICOLOGICAL INFORMATION: The fine particles contained in the product may cause mechanical irritation of the skin, eyes and mucous membranes.

12. ECOLOGICAL INFORMATION

ECOLOGICAL TOXICITY: Do not allow product to enter soil, waterways or waste water.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: On the basis of the necessary technical regulations and after consultation with the disposal agent and relevant authorities, can be incinerated with domestic waste.

14. TRANSPORTATION INFORMATION

NON-HAZARDOUS

SHIPPING NAME: Not a hazardous good within meaning of the transport regulations.

15. REGULATORY INFORMATION

LABELLING ACCORDING TO EU GUIDELINES: no obligation for labeling.

HAZARDOUS COMPONENTS FOR LABELLING:

HAZARD SYMBOLS

R PHRASES

S PHRASES

43 May cause sensitization by skin contact.

36/37 Protective gloves & protective clothing

16. OTHER INFORMATION

None

The data sheet was prepared in accordance with Directive 91/155/EEC

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