

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: METPREP LTD.
CURRIERS CLOSE
CHARTER AVENUE
COVENTRY CV4 8AW

TELEPHONE: PRODUCT INFORMATION: 024 7642 1222

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CHEMICAL NAME: PLASTICIZED METHACRYLATE POLYMER

PRODUCT: ACRI-KLEER POWDER

PRODUCT NUMBERS: 11 10 44

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS NUMBER:	% :
Particulates, NOC	NA	<99
Benzoyl Peoxide	94-36-0	<2

3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes or skin (no absorption); inhalation of dusts
Avoid inhalation of dust. Keep dust out of eyes to prevent possible irritation.

EFFECTS OF OVER EXPOSURE: 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.

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

SPECIAL FIRE FIGHTING PROCEDURES: Avoid extinguishing methods which may generate dust clouds. Water stream can disperse dust in air, producing a fire hazard and possible explosion hazard if exposed to ignition source.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Polymer dust is combustible. The explosive limits of the polymer particles suspended in air are approximately those of coal dust. Firefighters should wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep only in original container and store in cool dry place. Keep container closed to prevent water absorption and contamination.

STORAGE TEMPERATURE: Preferably not exceeding 35 °C.

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

8. EXPOSURE CONTROL / PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): Use type for Particulates Not Otherwise Classified, if needed.

VENTILATION: Local exhaust at processing equipment.

PROTECTIVE GLOVES: If hot plastic is handled.

EYE PROTECTION: Safety glasses or chemical splash goggles.

OCCUPATIONAL EXPOSURE LIMITS:
HAZARDOUS INGREDIENT (S) - None

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NA

SPECIFIC GRAVITY (H₂O=1): 1.25

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

VAPOUR DENSITY (AIR=1): NA

EVAPORATION RATE: NA

FLASH POINT: 304 °C (580 °F)

APPEARANCE AND ODOR: Fine powder - clear.
Faint odor in bulk

AUTOIGNITION TEMPERATURE: NA

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

SOLUBILITY IN WATER: Insoluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heating above 240 °C (464 °F)

INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Methacrylate monomer and oxides of carbon when burned.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

PRIMARY ROUTES OF ENTRY: Eyes or skin (no absorption); inhalation of dusts.

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CARCINOGENICITY: None of the components of this material are listed by IARC, NTP, OSHA or ACIGH as carcinogens.

TARGET ORGANS: For Polymer – None listed.

MUTAGENICITY DATA: For Polymer – None listed.

REPRODUCTIVE TOXICITY DATA: For Polymer – None listed.

TOXICITY DATA: For Polymer – None listed.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY: For Polymer – None listed.

ECOLOGICAL TOXICITY: For Polymer – Not Known

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: May be disposed of in landfill or incinerated. Follow federal, state and local regulations for disposal.

14. TRANSPORTATION INFORMATION

NON-HAZARDOUS
SHIPPING NAME: Synthetic Gum Resin Granular, NOIBN

15. REGULATORY INFORMATION

TSCA: For use in FDA regulated products only

16. OTHER INFORMATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS) RATING:
HEALTH = 0
FLAMMABILITY = 1
REACTIVITY = 0

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

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