

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

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

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CHEMICAL NAME: Acry-resin on a polymethylmethacrylate base

PRODUCT: VARI-SET 10 POWDER

PRODUCT NUMBERS: 11 10 27

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT (S):	CAS NUMBER:	%
Benzoyl Peroxide	94-36-0	<1

3. HAZARDS IDENTIFICATION

HAZARD DESCRIPTION: Not Applicable

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

4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES: In general, no special measures required.

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 spray, 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.
ADDITIONAL INFORMATION: No dangerous substances are released.

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7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING: Prevent formation of dust.
 INFORMATION ABOUT FIRE- AND EXPLOSION PROTECTION: No special measures required.
 PRECAUTIONS TO BE TAKEN IN STORAGE: No special requirements. Store in dry conditions.

STORAGE TEMPERATURE: Preferably not exceeding 35 ° C.

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

8. EXPOSURE CONTROL / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:
 HAZARDOUS INGREDIENT (S) - None

PERSONAL PROTECTIVE EQUIPMENT

GENERAL PROTECTIVE AND HYGIENE MEASURES: The usual precautionary measures are to be adhered to when handling chemicals.

RESPIRATORY PROTECTION (SPECIFY TYPE): Not necessary if room is well ventilated.

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: Clear

ODOUR: Nearly odourless

MELTING POINT: 110 °C

SPECIFIC GRAVITY (H₂O=1): NA

VAPOUR PRESSURE: NA

PERCENT VOLATILE W/W%: NA

DENSITY: 1.16 g/cm³

EVAPORATION RATE: NA

FLASH POINT: >250 °C

FLAMMABILITY: Product is not flammable

AUTOIGNITION TEMPERATURE: >400 °C

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

SOLUBILITY IN WATER: Insoluble

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: No dangerous reactions known

INCOMPATIBILITY (MATERIALS TO AVOID):

HAZARDOUS DECOMPOSITION PRODUCTS: During thermal decomposition, flammable fumes which may irritate the eyes and which consist of methylmethacrylate are produced.

HAZARDOUS POLYMERIZATION:

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

LD/LC50 VALUES RELEVANT FOR CLASSIFICATION:

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Dibenzoyl Peroxide 78% LD50 oral > 5000 mg/kg rat (lit.)

PROMARY IRRITANT EFFECT:

ON THE SKIN: No irritant effect

ON THE EYE: Slightly Irritating

SENSITISASTION: Sensitization possible through skin contact.

ADDITIONAL TOXICOLOGICAL INFORMATION: The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

12. ECOLOGICAL INFORMATION

AQUATIC TOXICITY: Generally not hazardous for water.

ECOLOGICAL TOXICITY:

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 disposed of with domestic waste or incinerated domestic waste.

14. TRANSPORTATION INFORMATION

NON-HAZARDOUS
SHIPPING NAME:

15. REGULATORY INFORMATION

LABELLING ACCORDING TO EU GUIDELINES: The substance is not subject to classification according to EU lists and other sources of literature known to us. Observe the general safety regulations when handling chemicals.

16. OTHER INFORMATION

None

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

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