



# MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: 11 20 21 / 11 20 95 / 11 20 96

## SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

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

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PRODUCT: KLEER-MOUNT

## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

2.1 Chemical name/content%/symbol/R-phrases:  
Polymethyl Methacrylate Homopolymer pigmented with trace quantities  
of various pigments depending on shade. CAS number  
EC number  
EINECS number

## SECTION 3 SUBSTANCE HAZARD IDENTIFICATION

3.1 To people see point 11 and 15  
3.2 To the environment see point 12.1.

## SECTION 4 FIRST AID MEASURES

4.1 General information: No special measures are required.

4.2 After inhalation: Treat as inert particulate matter, seek medical attention if inhalation of large quantities of dust causes respiratory distress. Keep data sheet available.

4.3 After contact with skin: Harmless to most people but individuals with a history of skin disease or allergy may have a reaction to prolonged exposure. Wash well with soap and water. Seek medical attention if a serious reaction is experienced.

4.4 After contact with eyes: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

4.5 After ingestion: Non-hazardous in all reasonably foreseeable circumstances.

## SECTION 5 FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media: Water spray jet/Foam/Dry powder/Carbon dioxide

5.2 Unsuitable extinguishing media for safety reasons: n.g.

5.3 Special protective equipment for fire-fighting: Use breathing apparatus, if necessary independent air supply.

5.4 Special dangers caused by the substance or preparation itself, results of fire/burning or ensuing gases In case of fire following by products can develop Methyl methacrylate vapour, Oxides of carbon



## SECTION 6 ACCIDENTAL RELEASE MEASURES

See point 8 & 13

6.1 Personal precautions: Avoid build up of dust.

6.2 Environmental measures: No special measures required

6.3 Methods of cleaning / absorption: Larger quantities : Remove mechanically

## SECTION 7 HANDLING AND STORAGE

### 7.1 Handling

7.1.1 Instructions on safe handling: Avoid contact with eyes. Avoid prolonged skin contact. Unlikely to represent a dust hazard under normal handling conditions.

7.2 Information on fire and explosion protection: Take precautionary measures against static discharges.

### 7.3 Storage

7.3.1 Requirements for storage areas and containers: Keep only in the original container at a temperature not exceeding 40°C. Keep container close after use. Natural ventilation is adequate.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Provide adequate ventilation, including appropriate local extraction to ensure defined exposure limit is not exceeded.

8.1 MAK - Value/ BAT Value: mg/m<sup>3</sup>

### 8.2 Personal protective equipment

8.2.1 General protective measures: Do not inhale dust.

8.2.2 Hygiene measures: Follow the usual good standards of occupational hygiene.

8.2.3 Respiratory Protection: A suitable dust mask should be worn.

8.2.4 Hand protection: Recommended

8.2.5 Eye protection: Recommended

8.2.6 Body protection When handling larger quantities, use face mask and usual protective working garments.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form	powder
Colour	depends on shade
Odour	Odourless
Melting temperature	°C
Boiling temperature	°C
Flash point	>200°C
Ignition temperature	>500°C
Lower explosion limit	°C
Upper explosion limit	°C
Vapour pressure	not applicable
Density	700 kg/m <sup>3</sup> ? 10 kg/m <sup>3</sup>
Relative vapour density	
Solubility in water	insoluble
Solubility/qualitative	
Miscible with most organic solvents.	soluble in most organic solvents
pH value	
Viscosity dynamic	



## SECTION 10 STABILITY AND REACTIVITY PROPERTIES

10.1 Conditions to avoid: Thermal decomposition >200°C, Protect from humidity

10.2 Hazardous reactions: Avoid contact with other chemicals. No hazardous reaction when used as directed. May polymerise with unsaturated monomers. Dust explosion class; ST 1

10.3 Hazardous decomposition products. See point 5.4

## SECTION 11 TOXICOLOGICAL INFORMATION

11.1	Acute oral toxicity LD50 rat	>5000 mg/kg
11.1.1	Acute inhalation toxicity LC50 rat	n.g.
11.1.2	Acute dermal toxicity LD50, rabbit dermal	n.g.
11.1.3	Skin irritation	Non irritant
11.1.4	Irritant effect on the eyes	Non-irritating
11.2	Chronic toxicity	
11.2.1	Sensitisation	No
11.2.2	Carcinogenicity	n.g.
11.2.3	Mutagenicity	n.g.
11.2.4	Reproductive Toxicity	n.g.
11.2.5	Narcosis	n.g.
11.3	Further Information	n.g.

## SECTION 12 ECOLOGICAL INFORMATION

12.1	Biodegradability	n.v.
12.2	Behaviour in sewage plants	n.v.
12.3	Aquatic toxicity	n.v.
12.4	Water hazard class	0
12.5	Self classification ACC To VCI	

Yes, Classification in accordance with the UK water resources act.

## SECTION 13 DISPOSAL CONSIDERATIONS

13.1 For the material/preparation/residue  
Material is considered to be non-hazardous  
Pay attention to local and national official regulation

## SECTION 14 TRANSPORT INFORMATION

Not classified as dangerous for transport.

**SECTION 15****REGULATORY INFORMATION**

Labelling in accordance with GefStoffV/EC  
Hazard symbols / R-phrases / S-phrases

The material is not subject to classification according to EC lists and other sources of literature known to us. Observe the normal safety regulations when handling chemicals. The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).

**SECTION 16****OTHER INFORMATION**

The above information has been gathered from reliable sources and is believed to be correct. However, the information is provided without any warranty, either expressed or implied. MetPrep Ltd shall not be held liable for any damage resulting from the handling of or contact with the above product.