



MATERIAL SAFETY DATA SHEET

PRODUCT NUMBER: 11 10 35

SECTION 1 PRODUCT IDENTIFICATION AND MANUFACTURE

1.1 Product identifier

PRODUCT: QUICK-SET 2 MOUNTING POWDER
Product group: investment resin

1.2 Recommended use of the chemical and restrictions on use

No further relevant information available.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: METPREP LTD.
Unit 1, Falkland Close
Charter Avenue
COVENTRY CV4 8AU
CONTACT: sales@metprep.co.uk





1.4 Emergency telephone number

TELEPHONE: 024 7642 1222

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Chemical characterization: Mixtures

Description: Acryl-resin on base of polymethylmethacrylate

· Dangerous components:		
CAS: 60676-86-0 EINECS: 262-373-8	Silica, vitreous Substance with a Community workplace exposure	10-25%
CAS: 14464-46-1 EINECS: 262-373-8	crystalite  STOT RE 1, H372	10-25%
CAS: 94-36-0 EINECS: 202-327-6	Dibenzoyl peroxide   Org. Perox B, H241  Eye Irrit. 2, H319; Skin Sens. 1, H317	<2.5%

Additional information For the wording of the listed hazard phrases refer to section 16

SECTION 3 SUBSTANCE HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation

Hazard pictograms



GHS08 health hazard

Signal word Danger



Hazard-determining components of labelling

cristobalite

Hazard statements

H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P314 Get medical advice/attention if you feel unwell.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:

Contains dibenzoyl peroxide. May produce an allergic reaction.

Safety data sheet available on request.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

After inhalation Rinse nose and throat thoroughly with water.

After skin contact If skin irritation continues, consult a doctor.

After eye contact Rinse opened eye for several minutes under running water.

After swallowing

Rinse out mouth and then drink plenty of water.

Seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed Gastric or intestinal disorders.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5 FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing agents

Water haze

Foam

Carbon dioxide

Fire-extinguishing powder

For safety reasons unsuitable extinguishing agents Water with full jet.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid eye and skin contact with the substance.

Avoid formation of dust.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections

No dangerous substance are released

See Section 7 for information of safe handling

See Section 8 for information of personal protection equipment

See Section 13 for disposal information



SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling No special measures required.
Information about fire - and explosion protection: No special measures required.
7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles: Storage between 10 °C and 25°C.
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions: Store in dry conditions.
7.3 Specific end use(s) No further relevant information available.

SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters
60676-86-0 Silica vitreous
WEL Long term value 0.08 mg/m³ fused respirable dust
94-36-0 dibenzol peroxide
WEL Long term value 5 mg/m³
Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls
Personal protective equipment
General protective and hygienic measures
The usual precautionary measures are to be adhered to when handling chemicals.
Respiratory protection:
Not necessary if room is well-ventilated.
Use suitable respiratory protective in case of insufficient ventilation
Dust protective mask
Filter P2
Protection of hands: Protective gloves.
Material of gloves
Butyl rubber, BR
Nitrile rubber, NBR
Penetration time of glove material
0,3mm
Penetration time 60 min
0.11mm
Penetration time 10 min
Eye protection: Goggles recommended during refilling.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
General Information
Appearance:
Form: Powder
Colour: Blue
Odour: Nearly odourless
Odour threshold Not determined
pH-value Not applicable
Change in condition
Melting point/Melting range: undetermined
Initial boiling point/Boiling range: undetermined
Flash point: 251°C
Flammability (solid, gaseous) Not determined
Ignition temperature: >400°C



Decomposition temperature:	Not determined
Auto-ignition temperature:	Product is not selfigniting
Explosion properties:	Product does not present an explosion hazard.
Explosion limites	
Lower	Not determined
Upper	Not determined
Vapour pressure	Not applicable
Density:	Not determined
Relative density	Not determined
Vapour density	Not applicable
Evaporation rate	Not applicable
Solubility in / Miscibility with Water:	Insoluble
Viscosity:	
Dynamic	Not applicable
Kinematic	Not applicable
Solvent content:	
Solids content:	100.0 %
9.2 Other information	No further relevant information available.

SECTION 10 STABILITY AND REACTIVITY PROPERTIES

- 10.1 Reactivity** No further relevant information available
- 10.2 Chemical stability**
- Thermal decomposition / conditions to be avoided:** Decomposition starts at temperatures of 250 °C
- 10.3 Possibility of hazardous reactions** No dangerous reactions known
- 10.4 Conditions to avoid** No further relevant information available.
- 10.5 Incompatible materials:** No further relevant information available.
- 10.6 Hazardous decomposition products:**
During thermic decomposit ion, flammable fumes which may irritate the eyes and which consist of methylmethacrylate are developed.

SECTION 11 TOXICOLOGICAL INFORMATION

- 11.1 Information on toxicological effects**
- Acute toxicity:** Base on available data, the classification criteria are not met.
- LD/LC50 values relevant for classification:**
Dibenzoyl peroxide 78% LD-50 oral > 5000 mg/kg rat (lit.)
- Primary irritant effect:**
- Skin corrosion/irriation:** Based on available data, the classification criteria are not metNo irritant effect.
- Serious eye damage, irritation** Based on available data, the classification criteria are not met.
- Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
- Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- Carcinogenicity** Based on available data, the classification criteria are not met.
- Reproductive toxicity** Based on available data, the classification criteria are not met.
- STOT-single exposure** Based on available data, the classification criteria are not met.
- STOT repeated exposure**
Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.
- Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12 ECOLOGICAL INFORMATION

- 12.1 Toxicity**
- Aquatic toxicity:** No further relevant information available.
- 12.2 Persistence and degradability** No further relevant information available.
- 12.3 Bioaccumulative potential** No further relevant information available.
- 12.4 Mobility in soil** No further relevant information available.



Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

07 02 13 waste plastic

Uncleaned packaging:

Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14 TRANSPORT INFORMATION

14.1 UN-Number

ADR, ADN, IMDG, IATA Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA
Class Void

14.4 Packing group

ADR, IMDG, IATA Void

14.5 Environmental hazards:

Marine pollutant: No

14.6 Special precautions for user Not applicable.

14.7 Transport in bulk according to Annex II of

MARPOL73/78 and the IBC Code Not applicable.

UN "Model Regulation": Void

SECTION 15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

National regulations

Additional classification according to Decree on Hazardous Materials, Annex II:

Carcinogenic hazardous material group III (dangerous)

Waterhazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 OTHER INFORMATION



This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H241 Heating may cause a fire or explosion.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H372 Causes damage to the lung through prolonged or repeated exposure. Route of exposure: Inhalation.

Department issuing SDS: MetPrep Ltd

Contact: Keith Ashby

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Org. Perox. B: Organic peroxides – Type B

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

· * **Data compared to the previous version altered.**

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