

Safety Data Sheet according to Regulation (EC) No 1907/2006/EC

1. Identification of the substance / preparation and of the company

Product: MKT VE-P 10, 12, 16, 20

Registration number: not applicable

Use: Mounting material / MKT Hammer-in Capsule VE-P

Identified use: none

Method of operation: see product information

Company: MKT Metall-Kunststoff-Technik GmbH & Co. KG
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2. Hazards identification

Physico-chemical hazards: see chapter 10 and R-phrases

Human health dangers: see R-phrases

Environmental hazards: see chapter 12

Other hazards: none

Hazard symbols:



Harmful

R-phrases:

R10: Flammable

R20: Harmful by inhalation

R36/38: Irritating to eyes and skin

R43: May cause sensitisation by skin contact

3. Composition/information on ingredients

12,5 - < 30 %	Styrene
Xn, R10-20-36/38 CAS: 100-42-5, EINECS/ELINCS: 202-851-5, EU-INDEX: 601-026-00-0, ECBnr:	
1 - < 15 %	Dibenzoyl peroxide
E - Xi, R3-7-36-43 CAS: 94-36-0, EINECS/ELINCS: 202-327-6, EU-INDEX: 617-008-00-0, ECBnr:	

Comment on component parts: For the wording of the listed risk phrases refer to section 16.

4. First aid measures

General information:	Change soaked clothing.
Inhalation:	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact:	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.
Ingestion:	not applicable
Advice to doctor:	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media:

Foam, dry powder, water spray jet, carbon dioxide

Extinguishing media that must not be used:

Full water jet

Special exposure hazards arising from the substance or preparation itself or combustion products:

Unknown risk of formation of toxic pyrolysis products.

Special protective equipment for firefighters:

Use self-contained breathing apparatus.

Additional information:

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

6. Accidental release measures

Personal precautions:

Keep away from all sources of ignition.

Use personal protective clothing.

Environmental precautions:

not applicable

Methods for cleaning up:

Take up mechanically.

Take up residues with suitable absorbent materials.

Dispose of absorbed material in accordance within the regulations.

7. Handling and storage

Advice on safe handling:

No special measures necessary if used correctly.

Handle with care – avoid shock, friction and impact.

Advice on protection against fire and explosion:

Keep away from all sources of ignition – refrain from smoking.

Requirements for storage rooms and vessels:

No special measures necessary.

Advice on storage compatibility:

not applicable

Further information on storage conditions:

Protect from heat/overheating.

Protect from sun.

Keep in a cool place.

Do not keep at temperatures above 25°C.

8. Exposure controls / Personal protection

Additional advice on system design:

Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored:

1 - < 15 %	Dibenzoyl peroxide, 5 mg/m ³ *
12,5 - < 30 %	Styrene, 100 ppm*, 430 mg/m ³ *

* WEL: Workplace Exposure Limit

Respiratory protection: Breathing apparatus in the event of high concentrations.
Short term: filter apparatus, filter A

Hand protection: Butyl rubber, >120 min (EN 374)

Eye protection: Safety glasses

Skin protection: Light protective clothing

General protective measures: Avoid contact with eyes and skin.
Do not inhale vapours.

Hygiene measures: Do not eat, drink, smoke or take drugs at work.
Wash hands before breaks and after work.
Use barrier skin cream.

Delimitation and monitoring of the environmental exposition: not determined

9. Physical and chemical properties

Form:	capsule
Color:	not determined
Odor:	characteristic
pH-value:	not applicable
pH-value [1%]:	not applicable
Boiling point [°C]:	not determined
Flash point [°C]:	31 (resin)
Flammability:	not determined
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Oxidizing properties:	no
Vapor pressure [kPa]:	not determined
Density [g/ml]:	not determined
Density at [°C]:	not determined
Bulk density [kg/m³]:	not applicable
Solubility in water:	not determined

Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not determined
Relative vapour density determined in air:	not determined
Evaporation speed:	not determined
Melting point [°C]:	not determined
Autoignition temperature [°C]:	not determined
Decomposition temperature [°C]:	not determined

10. Stability and reactivity

Hazardous reactions: Polymerisation with evolution of heat.
Decomposition with water, acids and alkalies.

Hazardous decomposition products: No hazardous decomposition products known.

11. Toxicological information

Acute oral toxicity:	not determined
Acute dermal toxicity:	not determined
Acute inhalational toxicity:	not determined
Irritant effect on eye:	not determined
Irritant effect on skin:	not determined
Sensitization:	not determined
Subacute toxicity:	not determined
Chronic toxicity:	not determined
Mutagenicity:	not applicable
Reproduction toxicity:	not determined
Carcinogenicity:	not determined
Experiences made in practice:	none
General remarks:	Toxicological data are not available. The product was classified on the basis of the calculation procedure of the preparation directive.

12. Ecological information

Fish toxicity:	not determined
Daphnia toxicity:	not determined
Behaviour in environmental compartments:	not determined
Behaviour in sewage plants:	not determined
Bacteria toxicity:	not determined
Biological degradability:	not determined
COD:	not determined
BOD 5:	not determined
AOX-advice:	not determined
2006/11/EG:	not determined
General information:	Ecotoxicological data are not available. No classification on the basis of the calculation procedure of the preparation directive.

13. Disposal considerations

Product:	Dispose of as hazardous waste. Coordinate disposal with the authorities if necessary.
Contaminated packing:	Uncontaminated packing may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended):	080411

14. Transport information

Classification according to ADR:	NO DANGEROUS GOODS 2.2.3.1.5 TO MAX. 450 L
- Classification code:	
- Label:	
- ADR LQ	
- ADR 1.1.3.6 (8.6):	Transport category (tunnel restriction code): -
Classification according to IMDG:	NO DANGEROUS GOODS, ACCORDING IMDG 2.3.2.5 TO MAX. 30 L (SEE 5.4.1.5.10)
- EMS	
- Label	
- IMDG Limited Quantities:	
Classification according to IATA:	UN 1866 Resin solution 3 III
- Label:	



15. Regulatory information

Exposure scenario:	not determinated
Chemical safety report:	not determinated
Labelling:	The product is classified and labelled in accordance with EC-directives.
Hazard symbols:	



Harmful

Contains:	Styrene
R-phrases:	R10 Flammable. R20 Harmful by inhalation. R36/38 Irritating to eyes and skin. R43 May cause sensitisation by skin contact.
S-phrases:	S3/7 Keep container tightly closed in a cool place. S36/37 Wear suitable protective clothing and gloves. S60 This material and its container must be disposed of as hazardous waste
Special labelling:	not applicable
Authorisation, TITLE VII:	not applicable
Restrictions, TITLE VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2008/58, 30. ATP / 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006
TRANSPORT-REGULATIONS:	DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009)
NATIONAL REGULATIONS:	EH40/2005 Workplace exposure limits with amendments October 2007.

16. Other informations

R-phrases (Chapter 03):

R7	May cause fire.
R43	May cause sensitisation by skin contact.
R36	Irritating to eyes.
R36/38	Irritating to eyes and skin.
R3	Extreme risk of explosion by shock, friction, fire or other sources of ignition.
R10	Flammable.
R20	Harmful by inhalation.

Observe employment restrictions for people:	yes
VOC (1999/13/CE):	not determinated
Customs tariff:	not determinated