

**E.C.-Safety Data Sheets** according to 93/112 and 91/155/EEC

for powder

Tradename:

**mega-TRIM**

Temporary C&amp;B Material, self-curing acrylic (Powder)

megadental GmbH  
Seeweg 20  
D-63654 Büdingen

Status: 06.05.2008

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**1. Identification of the substance/preparation and of the company/undertaking****Information on the product**

Trade name: mega-TRIM (Polymer / Powder)

**Information on the manufacturer** megadental GmbH  
Seeweg 20  
D-63654 Büdingen  
Tel: +49(0) 6042-97550  
FAX: +49(0)6042-975520**2. Composition/informations on ingredients****Chemical characterization**

Copolymer based on methyl methacrylate

**Hazardous ingredients**

Benzoyl peroxide	<1 %
CAS number	94-36-0
Hazard symbols	Xi, E
R-phrases	2-36-43

**3. Hazards identification**

May cause sensitization by skin contact.

**4. First aid measures****General information**

Remove soiled, soaked clothing immediately. Medical treatment is necessary if Symptoms occur which are obviously caused by skin or eye contact with the product.

**After contact with skin**

In case of contact with skin wash off immediately with soap and water. If skin irritation occurs, seek medical attention.

**After contact with eyes**

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

**5. Fire-fighting measures****Suitable extinguishing media**

water spray jet / foam / dry powder / carbon dioxide

**Unsuitable extinguishing media for safety reasons**

full water jet

**6. Accidental related measures****Methods of cleaning / adsorption**

Take up mechanically. Dispose of in accordance with regulations.

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mega\_TRIM\_Pul\_SDB\_EN.doc**7. Handling and storage****Handling****Instructions on safe handling**

Avoid dust formation.

**Information on fire and explosion protection**

Take precautionary measures against static discharges. In the event of fire, cool the endangered product with water.

**Storage****Requirements for storage areas and containers**

Storage: dry, temperatur should not exceed 25 °C, avoid or keep out of directly sun light

**8. Exposure controls/personal protection**

Components or products of decomposition according to point 10, with limit values related to the place of work which require monitoring

**TLV (long term)-value for**

CAS number	80-62-6
Methyl methacrylate	210 mg/m <sup>3</sup>

**TLV (long term)-value for**

CAS number	94-36-0
Benzoyl peroxide	5 mg/m <sup>3</sup>

**Personal protective equipment****General protective measures:**

Do not inhale dust.

**Hygiene measures:**

Follow the usual good standards of occupational hygiene.

**Respiratory protection:**

Filtering half mask in case of dust formation.

**Hand protection:**

protective gloves

**Eye protection:**

goggles

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mega\_TRIM\_Pul\_SDB\_EN.doc**9. Physical and chemical properties****Appearance**

Form: powder  
Colour: beige in different variations  
Odour: odourless

**Data relevant to safety****Changes in physical state**

Softening temperature	approx.	102	°C
Flash Point	>	250	°C
		Method ASTM-D 1929-68	
Ignition temperature	>	400	°C
		Method ASTM-D 1929-68	
Lower explosion limit		not determined	
Upper explosion limit		not determined	
Vapour pressure		not applicable	
Density	1.16	g/cm <sup>3</sup>	at 20 °C
Bulk density	600 to 650	g/cm <sup>3</sup>	20 °C
Solubility in water		insoluble	

**Solubility / qualitative**

in e.g esters, ketones and chlorinated hydrocarbons: readily soluble

**Further information**

Dust explosions are generally to be expected with dust-forming organic products.

**10. Stability and reactivity****Thermal decomposition**

> 250

**Hazardous reactions**

No hazardous reactions known.

**Hazardous decomposition products**

None when used as directed. During thermal decomposition combustible, the eyes and respiratory systems irritating vapour are formed, consisting mainly of: Methyl methacrylate

**11. Toxicological information****Acute oral toxicity**

There are no toxicological data available for this product.

**Carcinogenicity**

The substance shows tumor promoting properties in animal test.  
The data mentioned above refer to the component dibenzoyl peroxide.

**Further information on toxicology**

The fine particles contained in the product may cause mechanical irritation of the skin, eyes and mucous membranes.

**12. Ecological information****Further ecological information****Further information on ecology**

Do not allow to enter soil, waterways or waste water

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**13. Disposal considerations**

**Product**

Can be incinerated with household refuse in accordance with the regulations and after consultation with the disposal agency and the relevant authorities.

**14. Transport information**

**Transport / further information**

Miscellaneous information  
 Not a hazardous material within the meaning of transport regulations.  
 Waste-number: 57129

**15. Regulatory information**

**Labelling in accordance with GefstoffV / EC**

labelling not required

**Hazardous component(s) for labelling**

contains Di benzoyl peroxide

**Hazard symbols**

Xi Irritating

**R-phrases**

43 May cause sensitization by skin Contact.

**S-phrases**

2, 7, 36/37 May not get into children's hands. Keep containers well closed. Wear suitable protective clothing and gloves.

**16. Other information**

None

The details are based on the current levels of expertise which we have achieved; they are intended as a description of the products safety requirements and not to be seen as a guarantee of certain product features.