

**Material Safety Data Sheet**

according to ANSI Z400.1-2004

X60 - A

Print date: 23.08.2012

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

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Chemical characterization (Mixture)

Acrylpolymer based on methyl methacrylat with inorganic extender

Details of the supplier of the safety data sheet

Company name: Hottinger Baldwin Messtechnik GmbH
Darmstadt

Street: Im Tiefen See 45

Place: D-64293 Darmstadt

Telephone: +49 (0)6151 803-0

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Internet: www.hbm.com

Responsible Department: Customer Care Center CCC +49 6151 803 0

Emergency telephone: +49(0)6131/19240**SECTION 2: Hazards identification****Route(s) of Entry****Signs and Symptoms of Exposure**

Carcinogenicity (NTP):

Carcinogenicity (IARC):

Carcinogenicity (OSHA):

SECTION 3: Composition/information on ingredients**Mixtures****Hazardous components**

CAS No	Components	Quantity
94-36-0	dibenzoyl peroxide; benzoyl peroxide	< 2.5%
84-61-7	Dicyclohexylphthalat	< 2.5%

SECTION 4: First aid measures**Description of first aid measures****After contact with skin**

After contact with skin, wash immediately with: Water.

Subsequently wash again with: Polyethylene glykol 400. Take off immediately all contaminated clothing. Medical treatment necessary.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

If swallowed, immediately drink: Water.

SECTION 5: Firefighting measures

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Extinguishing media**Suitable extinguishing media**

Extinguishing materials should be selected according to the surrounding area.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Use a water spray jet to knock down vapours/gases/mists. Contaminated fire-fighting water must be collected separately. Do not empty into drains or the aquatic environment.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eye and clothing. Wear personal protection equipment.

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Collect mechanically. Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage**Precautions for safe handling****Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container dry. Keep container tightly closed.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure limits**

CAS No	Components	ppm	mg/m ³	fib/cc	Category	Origin
94-36-0	Benzoyl peroxide	-	5		TWA (8 h)	PEL
		-	5		TWA (8 h)	REL

Exposure controls**Protective and hygiene measures**

Take off immediately all contaminated clothing. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state: Powder
Color: off-white
Odor: odourless

Test method**Changes in the physical state**

Softening point: ~ 110 °C

Explosive properties

Explosive dust-air mixtures may form.

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Density (at 20 °C):

2 g/cm³**SECTION 10: Stability and reactivity**

Stability:

Possibility of Hazardous Reactions:

Hazardous decomposition products

Possible in traces: > 150°C:

Gas/vapours, irritant.

Methyl methacrylate.

SECTION 11: Toxicological information**Information on toxicological effects****Sensitizing effects**

May cause sensitization by skin contact.

Additional information on tests

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information**Further information**

Do not empty into drains or the aquatic environment. The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Waste disposal according to official state regulations.

Contaminated packaging

Cleaned containers may be recycled. Handle contaminated packaging in the same way as the substance itself.

SECTION 14: Transport information**SECTION 15: Regulatory information****U.S. Regulations****SECTION 16: Other information****Other data**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)