

## 1. Identification of the substance/mixture and of the company/undertaking

### Product identifier

Commercial Product Name **fischer Reaktionspatrone RM**

### Relevant identified uses of the substance or mixture and uses advised against

Use mounting material

### Details of the supplier of the safety data sheet

Company designation fischerwerke GmbH & Co. KG  
Weinhalde 14-18  
D-72178 Waldachtal  
Telephone: +49(0)7443 12-0  
FAX: +49(0)7443 12-4222  
Email: info-sdb@fischer.de

Marketer Great Britain: Mrs Mirka Valovicova, fischer Fixing (UK) Ltd, Hithercroft Road, Wallingford, Oxfordshire, OX10 9AT, Tel. 01491 827 920, Fax 01491 827 950

### Emergency telephone number

Emergency telephone number +49(0)6132-84463 (24h)

## 2. Hazards identification

### Classification of the substance or mixture

Classification according to Directive 67/548/EEC / 1999/45/EEC R43

### Label elements

Hazard symbols

Xi



Xi: Irritant

Hazardous component(s) to be indicated on label

2-hydroxypropyl methacrylate, dibenzoyl peroxide

R-phrase(s)

R43: May cause sensitisation by skin contact.

S-phrase(s)

S2: Keep out of the reach of children.

S24: Avoid contact with skin.

S37: Wear suitable gloves.

S46: If swallowed, seek medical advice immediately and show this container or label.

### **3. Composition/information on ingredients**

#### **Hazardous ingredients**

Ingredient		Classification (EEC) No 67/548	Concentration
		Classification (EC) 1272/2008	
Tinuvin 1130	EG-No.: 400-830-7 Index-No.: 607-176-00-3	R43 N; R51/53R43 N; R51-53 Skin Sens. 1; H317 Aquatic Chronic 2; H411	< 2.5 % by weight
2-hydroxypropyl methacrylate	CAS No.: 27813-02-1 EG-No.: 248-666-3 Index-No.: 607-125-00-5	Xi; R36 R43Xi; R36;R43	< 2.5 % by weight
dibenzoyl peroxide	CAS No.: 94-36-0 EG-No.: 202-327-6 Index-No.: 617-008-00-0	E; R2 Xi; R36 R43 Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317	< 2.5 % by weight

### **4. First aid measures**

#### **Description of first aid measures**

General advice	If symptoms persist, call a physician. Remove/Take off immediately all contaminated clothing.
If inhaled	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In case of skin contact	IF ON SKIN: Gently wash with plenty of soap and water.
In case of eye contact	In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If swallowed	not applicable

### **5. Firefighting measures**

#### **Extinguishing media**

Suitable extinguishing media	Carbon dioxide (CO2) Dry powder Foam Water spray jet
Extinguishing media which must not be used for safety reasons	High volume water jet

#### **Special hazards arising from the substance or mixture**

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases	Heating or fire can release toxic gas.
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### **Advice for firefighters**

Special protective equipment for firefighting	In the event of fire, wear self-contained breathing apparatus. In the event of fire and/or explosion do not breathe fumes.
Additional information on fire-fighting	Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep containers and surroundings cool with water spray.

## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Personal precautions	Use personal protective equipment.
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### **Environmental precautions**

Environmental precautions	The product should not be allowed to enter drains, water courses or the soil. Prevent spreading over a wide area (e.g. by containment or oil barriers).
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### **Methods and material for containment and cleaning up**

Methods for cleaning up	Not relevant for the product itself.
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### **Additional information**

Other information	Dispose of in accordance with local regulations.
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## **7. Handling and storage**

### **Precautions for safe handling**

Advice on safe handling	Handle with care. Avoid shock and friction. None under normal processing.
Advice on protection against fire and explosion	No special precautions required.

### **Conditions for safe storage, including any incompatibilities**

Storage space and container requirements	Store in accordance with local regulations. Keep only in original container. Store in a cool and shaded area. Keep away from heat.
Hints on storage assembly	Not relevant
German storage class	10-13 (TRGS 510)

## **8. Exposure controls/personal protection**

### **Control parameters**

### **Exposure controls**

Respiratory protection	No personal respiratory protective equipment normally required.
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Hand protection	No special protective equipment required.
Eye protection	Tightly fitting safety goggles
Skin and body protection	Wear suitable protective equipment.
Note:	Choose body protection according to the amount and concentration of the dangerous substance at the work place.
General protective and hygiene measures	Smoking, eating and drinking should be prohibited in the application area. Avoid contact with skin, eyes and clothing. Take off all contaminated clothing immediately. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feedingstuffs.
Information on environmental protection regulations	No special environmental precautions required.

## **9. Physical and chemical properties**

### **Information on basic physical and chemical properties**

Form	glass cartridge
Colour	brown
Odour	characteristic
Flash point / °C	> 100 °C
Risk of explosion.	Not explosive
Water solubility	insoluble
Autoinflammability	not auto-flammable

## **10. Stability and reactivity**

### **Possibility of hazardous reactions**

Hazardous reactions	No dangerous reaction known under conditions of normal use.
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### **Conditions to avoid**

Conditions to avoid	No decomposition if used as directed.
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### **Hazardous decomposition products**

Hazardous decomposition products	No decomposition if used as directed.
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## **11. Toxicological information**

### **Additional information**

Other information (chapter 11.)	There is no data available for this product.
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## **12. Ecological information**

### **Other adverse effects**

Further information on ecology No information on ecology is available.

## **13. Disposal considerations**

### **Waste treatment methods**

Disposal considerations Disposal together with normal waste is not allowed. Special disposal required according to local regulations.  
The product should not be allowed to enter drains, water courses or the soil.

Waste Code 200000 – MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS  
200127 – paint, inks, adhesives and resins containing dangerous substances  
080000 – WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS  
080400 – wastes from MFSU of adhesives and sealants (including waterproofing products)  
080409 – waste adhesives and sealants containing organic solvents or other dangerous substances

Uncleaned empty packaging Empty packaging: Empty containers should be taken for local recycling or waste disposal.

## **14. Transport information**

### **Additional information**

Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

## **15. Regulatory information**

### **Chemical safety assessment**

Safety assessment Not relevant  
Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

## **16. Other information**

R phrases applying to ingredients R2: Risk of explosion by shock, friction, fire or other sources of ignition.  
R36: Irritating to eyes.  
R43: May cause sensitisation by skin contact.

Material Safety Data Sheet as per regulation (EC)  
1907/2006



Commercial Product Name: **fischer Reaktionspatrone RM**

Revision date: 30.03.2011

Version: 2/en

Print date: 21.04.2011

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H phrases applying to ingredients

H241: Heating may cause a fire or explosion.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.