

**fischer-Reaktionspatrone RM**

fischerwerke Artur Fischer GmbH &amp; Co. KG

Revised: 30.05.2006

Date printed: 22.08.2006

**01 Stoff-/Zubereitungs- und Firmenbezeichnung**

**Product:** fischer-Reaktionspatrone RM  
**Use:** Mounting material  
**Company:** fischerwerke Artur Fischer GmbH & Co. KG  
 D-72178 Waldachtal, Weinhalde 14 - 18  
**Phone:** 0049 7666/902-2900  
**Fax:** 0049 7666/902-2929  
**Homepage:** www.fischer.de  
**Emergency phone:** 0049 6132-84463 GBK Gefahrgut Büro GMBH Ingelheim

**02 Composition / Information on ingredients**

Substance	EINECS/ELINCS	CAS	Range [%]	Symbol / R-phr.
Dibenzoyl peroxide	202-327-6	94-36-0	1 - < 20	E-Xi-2-36-43
Tinuvin 1130	400-830-7		0,1 - < 1	N-Xi-43-51/53

**03 Hazards identification**

R 43: May cause sensitisation by skin contact.

**04 First aid measures**

**General information** Change soaked clothing.  
**Inhalation** Ensure supply of fresh air. In the event of symptoms refer 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.

**05 Fire-fighting measures**

**Suitable extinguishing media** Foam, Dry powder, Water spray jet.  
**Extinguishing media that must not be used** Full water jet.  
**Special exposure hazards arising from the substance or preparation itself or combustion products** Risk of formation of toxic pyrolysis products. Carbon monoxide (CO).  
**Special protective equipment for firefighters** Use self-contained breathing apparatus.  
**Additional information** Cool containers at risk with water spray jet.

**06 Accidental release measures**

**Personal precautions** Use personal protective clothing. Keep away sources of ignition.  
**Environmental precautions** Not applicable.  
**Methods for cleaning up/taking up** Take up mechanically. Take up residues with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with the regulations.

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**07 Handling and storage**

<b>Advice on safe handling</b>	No special measures necessary if used correctly. Handle with care - avoid shock, friction and impact.
<b>Advice on protection against fire and explosion</b>	Keep away from sources of ignition - refrain from smoking.
<b>Requirements for storage rooms and vessels</b>	No special measures necessary.
<b>Advice on storage compatibility</b>	Not applicable.
<b>Further information on storage conditions</b>	Protect from sun. Protect from heat/overheating. Keep in a cool place.

**08 Exposure controls / personal protection****Additional advice on system design**

Ensure adequate ventilation on workstation.

**Ingredients with occupational exposure limits to be monitored: (gb)**

Substance	[ppm]*	[mg/m <sup>3</sup> ]*	General remarks
Dibenzoyl peroxide		5	

\* LTEL: Long-term exposure limit

<b>Respiratory protection</b>	Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter A.
<b>Hand protection</b>	Butyl rubber, >120 min (EN 374)
<b>Eye protection</b>	Safety glasses.
<b>Skin protection</b>	Not applicable.
<b>General protective measures</b>	Do not inhale vapours. Avoid contact with eyes and skin.
<b>Hygiene measures</b>	At work do not eat, drink, smoke or take drugs. Wash hands before breaks and after work. Use barrier skin cream.
<b>Delimitation and monitoring of the environmental exposition</b>	Not determined.

**09 Physical and chemical properties**

<b>Form:</b>	Capsule	<b>Vapour pressure [kPa]:</b>	Not determined.
<b>Colour:</b>	Not determined.	<b>Density [g/ml]:</b>	Not determined. 20°C
<b>Odour:</b>	Characteristic.	<b>Bulk density [kg/m<sup>3</sup>]:</b>	Not applicable.
<b>pH-value:</b>	Not applicable.	<b>Solubility in water:</b>	Immiscible.
<b>pH-value, 1%:</b>	Not applicable.	<b>Partition coefficient: n-octanol / water:</b>	Not determined.
<b>Boiling point [°C]:</b>	Not determined.	<b>Viscosity:</b>	Not determined.
<b>Flash point [°C]:</b>		<b>Relative vapour density determined in air:</b>	Not determined.
<b>Flammability:</b>	Not determined.	<b>Evaporation speed:</b>	Not determined.
<b>Lower explosion limit:</b>	Not applicable.	<b>Melting point [°C]:</b>	Not determined.
<b>Upper explosion limit:</b>	Not applicable.	<b>Autoignition temperature [°C]:</b>	Not determined.
<b>Combustible properties:</b>	Not applicable.	<b>Decomposition temperature [°C]:</b>	Not applicable.

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**10 Stability and reactivity**

Hazardous reactions	Polymerisation with evolution of heat. Decomposition with water, acids and alkalis.
Hazardous decomposition products	No hazardous decomposition products known.

**11 Toxicological information**

Acute oral toxicity OECD 401	Not determined.
Experiences made in practice	None.
General remarks	No toxicological data are available. The product was classified on the basis of the calculation procedure of the preparation directive.

**12 Ecological information**

AOX-advice	No dangerous components.
76/464/EC	Yes.
General information	Ecological data are not available.

**13 Disposal considerations**

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

**14 Transport information**Classification according to no dangerous goodsADR:

Declaration:

Labelling:

Factor, ADR 1.1.3.6:

LQ, ADR 3.4.6:

Hazard-no:

Label:

Vapour pressure [kPa]: Not determined.

Classification according toIMDG:

Declaration: not classified as Dangerous Goods

Labelling:

Label:

LQ, [l, kg]:

EmS:

Classification according to not classified as Dangerous GoodsIATA:

Declaration:

Labelling:

Label:

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**15 Regulatory information****Labelling:** The product is classified and labelled in accordance with EC directives**Hazard symbols**

contains: Dibenzoyl peroxide

R 43: May cause sensitisation by skin contact.

S 36/37: Wear suitable protective clothing and gloves. S 60: This material and its container must be disposed of as hazardous waste.

**15.1 Special labelling for certain preparations**

Not applicable.

**15.2 Sources of documentation**

EEC: 91/155 (2001/58); 67/548 (2004/73), 29. ATP; 1999/45 (2001/60); 91/689 (2001/118); 89/542; 1999/13; 2004/42

Transport information: ADR (2005); IMDG-Code (32.Amdt.); IATA-DGR (2006)

**15.3 National regulations(gb)**

EH40/2002 Occupational Exposure Limits Supplement 2003

**16 Other informations****(Information on ingredients - Position 02)**

R 2: Risk of explosion by shock, friction, fire or other sources of ignition.

R 36: Irritating to eyes.

R 43: May cause sensitisation by skin contact.

R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**16.1 Additional information**

<b>Observe employment restrictions for people</b>	Yes.
<b>VOC, 1999/13/EG</b>	Not determinated.
<b>Customs Tariff</b>	Not determinated.

**16.2 Information on ingredients**

<b>UBA-Registration</b>	Not applicable.
<b>648/2004/EG, contains:</b>	Not applicable.
<b>2004/42/EG</b>	Not applicable.

**16.3 Modified position:**

None.