

fischerwerke Artur Fischer GmbH & Co. KG

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1 Identification of the substance / preparation and of the company

Product: FIS V 360 S - FIS V 950 S (Hardener)

Registration number: not applicable

Use: Mounting material

Identified use: none

Method of operation: See product information.

Company: fischerwerke Artur Fischer GmbH & Co. KG

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2 Hazards identification

Physico-chemical hazards: See R-phrases.

Human health dangers: See R-phrases.

Environmental hazards: No particular hazards known.

Other hazards: none

Hazard symbols:



Oxidizing



Irritant

R-phrases: R 8: Contact with combustible material may cause fire. R 43: May cause sensitisation by skin contact.

3 Composition / Information on ingredients

Dibenzoyl peroxide	10 - < 20%
E-Xi, R2-36-43 CAS: 94-36-0, EINECS/ELINCS: 202-327-6, EU-INDEX: 617-008-00-0, ECBnr:	
Isononylphenol, ethoxylated (9EO)	0,1 - < 1%
Xn-N, R22-41-51/53 CAS: 37205-87-1, EINECS/ELINCS: , EU-INDEX: , ECBnr:	
Silicon dioxide, quartz	20 - < 30%
CAS: 14808-60-7, EINECS/ELINCS: 238-878-4, EU-INDEX: , ECBnr:	

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

4 First aid measures

General information: Remove contaminated soaked clothing immediately and dispose of safely.

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: Summon a doctor immediately. Rinse out mouth and give plenty of water to drink. Induce the patient to vomit of his own accord only if fully conscious.

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

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6 Accidental release measures

- Personal precautions:** Ensure adequate ventilation.
Environmental precautions: Do not discharge into the drains/surface waters/groundwater.
Methods for cleaning up: Take up mechanically. Dispose of absorbed material in accordance within the regulations.

7 Handling and storage

- Advice on safe handling:** No special measures necessary if used correctly.
Advice on protection against fire and explosion: No special measures necessary.
Requirements for storage rooms and vessels: Keep only in original container.
Advice on storage compatibility: Do not store with alkalis. Do not store together with acids.
Further information on storage conditions: Keep container in a well-ventilated place. Keep container tightly closed. Keep in a cool place.

8 Exposure controls / personal protection

- Additional advice on system design:** Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

Dibenzoyl peroxide	10 - < 20%
5mg/m ³ *,	
Silicon dioxide, quartz	20 - < 30%
0,3mg/m ³ *, General remarks: respirable crystalline, 14/3,37,38,51/2,76	
* LTEL: Long-term exposure limit	

- Respiratory protection:** not applicable
Hand protection: butyl rubber, > 120 min (EN 374)
Eye protection: Safety glasses.
Skin protection: not applicable
General protective measures: Avoid contact with eyes and skin.
Hygiene measures: Do not eat, drink, smoke or take drugs at work. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work. Use barrier skin cream.
Delimitation and monitoring of the environmental exposition: not determinated

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9 Physical and chemical properties

Form:	pasty
Color:	dark grey
Odor:	characteristic
pH-value:	not determinated
pH-value [1%]:	not determinated
Boiling point [°C]:	not determinated
Flash point [°C]:	not applicable
Flammability [°C]:	not applicable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Combustible properties:	yes
Vapour pressure [kPa]:	not determinated
Density [g/ml]:	ca. 1,6
Density [°C]:	ca. 20°C
Bulk density [kg/m³]:	not applicable
Solubility in water:	partially miscible
Partition coefficient [n-octanol/water]:	not determinated
Viscosity:	See product information
Relative vapour density determined in air:	not determinated
Evaporation speed:	not determinated
Melting point [°C]:	not determinated
Autoignition temperature [°C]:	not applicable
Decomposition temperature [°C]:	not determinated

10 Stability and reactivity

Hazardous reactions:	Reactions with alcohols, amines, aqueous acids and alkalis. Reactions with reducing agents.
Hazardous decomposition products:	No hazardous decomposition products known.

11 Toxicological information

Acute oral toxicity:	not determinated
Acute dermal toxicity:	not determinated
Acute inhalational toxicity:	not determinated
Irritant effect on eye:	not determinated
Irritant effect on skin:	not determinated
Sensitization:	not determinated
Subacute toxicity:	not determinated
Chronic toxicity:	not determinated
Mutagenicity:	not determinated
Reproduction toxicity:	not determinated
Carcinogenicity:	not determinated
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.

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12 Ecological information

Fish toxicity:	not determinated
Daphnia toxicity:	not determinated
Behaviour in environment compartments:	not determinated
Behaviour in sewage plant:	not determinated
Bacteria toxicity:	not determinated
Biological degradability:	not determinated
COD:	not determinated
BOD 5:	not determinated
AOX-advice:	not applicable
2006/11/EC:	not applicable
General information:	Ecological data are not available.



13 Disposal considerations

Disposal / Product:	Dispose of as hazardous waste. For recycling, consult manufacturer.
Disposal / Contaminated packaging:	Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
Waste no. (recommended):	080409*

14 Transport information

Classification according to ADR:	no dangerous goods
- Classification Code:	
- ADR Limited Quantities:	
- Label:	
Classification according to IMDG:	not classified as "Dangerous Goods" - -
- IMDG Limited Quantities:	
- EMS:	
- Label:	
Classification according to IATA:	not classified as "Dangerous Goods"
- Label:	

15 Regulatory information

Exposure scenario:	not applicable
Chemical safety report:	not applicable
Labelling:	The product is classified and labelled in accordance within EC-directives.
Hazard symbols:	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Oxidizing </div> <div style="text-align: center;">  Irritant </div> </div>
Contains:	Dibenzoyl peroxide
R-phrases:	R 8: Contact with combustible material may cause fire. R 43: May cause sensitisation by skin contact.
S-phrases:	S 2: Keep out of the reach of children. S 14.7: Keep away from dirt, rust, chemicals, alkalis and acids as well as heavy metal salts and amines. S 24: Avoid contact with skin. S 37: Wear suitable gloves. S 46: If swallowed, seek medical advice immediately and show this container or label.
Special labelling for certain preparations:	none
Authorisation, TITEL VII:	not applicable
Restrictions, TITEL VIII:	not applicable
EEC-REGULATIONS:	1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS:	ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2007).
NATIONAL REGULATIONS (GB):	EH40/2002 Occupational Exposure Limits Supplement 2003.

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16 Other informations

R-phrases (Chapter 03):	R 36: Irritating to eyes. R 51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R 41: Risk of serious damage to eyes. R 22: Harmful if swallowed. R 2: Risk of explosion by shock, friction, fire or other sources of ignition. R 43: May cause sensitisation by skin contact.
Observe employment restrictions for people:	yes
VOC (1999/13/CE):	not applicable
Customs Tariff:	not determinated
2004/42/CE:	not applicable

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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