

Safety data sheet
Safety data sheet according to Regulation (EC) No 1907/2006

Product name: **BPO Härter für Spachtelmassen 0,04 KG**

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01 Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

BPO Härter für Spachtelmassen 0,04 KG

SP80-3030 0102

53051717

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

Recommended use

Car refinishing products

Details of the supplier of the safety data sheet

BASF Coatings S.A.S.

Z.I de Breuil le Sec

60676 Clermont-de-l'Oise Cedex

France

E-mail address

Product-Safety-Coatings@basf.com

Emergency phone

+33 3 4477 7777

02 Section 2: Hazards Identification

Classification of the substance or mixture

According to Directive 67/548/EEC respectively 1999/45/EC

- Extreme risk of explosion by shock, friction, fire or other sources of ignition.
- Irritating to eyes.
- May cause sensitization by skin contact.
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- May cause fire.

Label elements

According to Directive 67/548/EEC respectively 1999/45/EC (Annex V, Section A and B)

Hazard symbol

Xi **Irritant**



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E Explosive



N Dangerous for the environment



Product contains
dibenzoyl peroxide

Hazard statements

R3

Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R36

Irritating to eyes.

R43

May cause sensitization by skin contact.

R50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R7

May cause fire.

Labelling for Industrial Users

S14A

Keep away from reducing agent, heavy metal compounds, acids and bases.

S3/7

Keep container tightly closed in a cool place.

S36/37/39

Wear suitable protective clothing, gloves and eye/face protection.

S51

Use only in well-ventilated areas.

S61

Avoid release to the environment. Refer to special instruction/Safety data sheets.

Other hazards

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

03 Section 3: Composition/Information on Ingredients

Substances

not applicable

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Mixtures

Chemical nature

organic peroxide

Hazardous ingredients
according to Regulation (EC) No. 1272/2008

CAS No. % (weight)	EC No.	Registration No.	INDEX No.
dibenzoyl peroxide 94-36-0 75,0 - 100,0	202-327-6	01-2119511472-50-XXXX	617-008-00-0
H241 H319 H317 H400			
- organic peroxides Category B			
- Serious eye damage/eye irritation Category 2			
- Skin sensitizer Category 1			
- Acute hazards to the aquatic environment Category 1			

Hazardous ingredients
according to Directive 1999/45/EC

CAS No. % (weight)	EC No. Symbol	Registration No. R phrases	INDEX No.
dibenzoyl peroxide 94-36-0 75,0 - 100,0	202-327-6 E,N,Xi	01-2119511472-50-XXXX 3-36-43-50/53-7	617-008-00-0

The wording of the hazard symbols, R-phrases and H-statements is specified in section 16 if dangerous ingredients are mentioned.

04 Section 4: First Aid Measures

Description of first aid measures

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled

Remove patient to fresh air and seek medical assistance. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position.

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On skin contact

Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes

Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution and seek medical advice.

On ingestion

If accidentally swallowed obtain immediate medical attention! Keep at rest. Do not induce vomiting.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

No data available.

05 Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media

Spray powder, foam or water from a safe distance. Always cool closed containers exposed to fire with water to below decomposition temperature. Do not allow run-off from fire fighting to enter drains or water courses.

Unsuitable extinguishing media for safety reasons

Water jet

Special hazards arising from the substance or mixture

Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

Advice for fire-fighters

Special protective equipment

Appropriate breathing apparatus may be required.

Additional information

Cool closed containers in the vicinity of the source of fire.

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06 Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Environmental precautions

Do not allow to enter drains or watercourses. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Methods and material for containment and cleaning up

Contain and collect pastes with a plastic putty knife (see section 7). Contain and collect liquids with inert absorbent material such as vermiculite or perlite.

Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

07 Section 7: Handling and Storage

Precautions for safe handling

Instructions for Safe Handling

Avoid inhalation of dust from sanding.

The product should be used only in areas from which all naked lights, flames and other sources of ignition have been excluded. Do not use any sparking tools. Avoid skin and eye contact. Smoking, eating and drinking are forbidden in application areas. For personal protection see section 8. Comply with the health and safety at work laws.

Conditions for safe storage, including any incompatibilities

Requirements for Storage Areas and Containers

Electrical equipment must be explosion-proof to the appropriate standards. Keep containers tightly closed. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed.

The product may have contact with suitable materials only, e.g. unpigmented polyethylene or steel to material code St 4571.

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Information on Combined Storage

Keep away from reducing agents (e.g. amines), acids, alkalis, heavy metal compounds (e.g. accelerators, driers, metal soaps).

Additional Information on Storage Conditions

Storage temperature : < 25 °C

Keep in original containers or in containers of same material as the original one. Observe label precautions. Maximum storage temperature +25 °C; keep away from direct sunlight, heat and other sources of ignition.

Specific end use(s)

Detailed information can be gained from the relevant technical data sheets.

08 Section 8: Exposure Controls/personal protection

Control parameters

Occupational Exposure Limits

n.a.

In addition to the indicative occupational exposure limit values according to Directive 2000/39/EC, the country-specific occupational exposure limits applicable to the substances specified in chapter 03 must be taken into account.

Exposure controls

Appropriate engineering controls

Personal protective equipment

Respiratory Protection

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet (sanding/flatting) should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be used.

Hand Protection

Wear protective gloves.

Any chemical protection glove certified according to EN 374 is suitable: e.g. butyl rubber gloves

Material thickness: = 0,5 mm

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Further information on penetration time is available from the manufacturer of the glove.

Data are based on information from the glove manufacturer, the raw material manufacturer or according to specifics of the product components.

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Follow manufacturer's advice on use, storage, maintenance and replacement of gloves.

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Eye Protection

Required when there is a risk of eye contact.

Skin Protection

Wear protective clothing. Protective clothing required: disposable coveralls

Environmental exposure controls

See section 7 and 12

09 Section 9: Physical and Chemical Properties

Physical state	: pasty
Colour	: red
Odour	: specific
pH	: n.a.
Change in physical state	
Boiling temperature/range	: n.d.a.
Melting point/range	: -10 °C
Flash point	: >+50 °C ISO 3679
Ignition temperature	: > 200 °C
Explosion limits, lower	: n.a.

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upper : n.d.a.

Vapour pressure : n.d.a.

Density : 1,200 g/cm³ at 20°C

Solubility in water : immiscible

Viscosity : n.a.

10 Section 10: Stability and Reactivity

Reactivity

Stable under recommended storage and handling conditions (see section 7).

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

Incompatible materials

Reducing agents, heavy metal compounds, acids, alkalis, contamination.

Hazardous decomposition products

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced. Flammable vapours.

11 Section 11: Toxicological Information

Information on toxicological effects

The preparation has been assessed following the conventional method of the Dangerous Preparation Directive 1999/45/EC. See sections 2 and 15 for details.

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Acute toxicity

Based on available Data, the classification criteria are not met.

Irritation

Irritating to eyes.

Corrosivity

Based on available Data, the classification criteria are not met.

Sensitisation

May cause sensitization by skin contact.

Repeated dose toxicity

Based on available Data, the classification criteria are not met.

Carcinogenicity

Based on available Data, the classification criteria are not met.

Mutagenicity

Based on available Data, the classification criteria are not met.

Toxicity for reproduction

Based on available Data, the classification criteria are not met.

12 Section 12: Ecological Information

There are no test results available for this product.

The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and is classified for eco-toxicological properties accordingly. See sections 2 and 3 for details.

Toxicity

Very toxic to aquatic organisms.

Persistence and degradability

Biological degradability of hazardous substances mentioned in section 3:

CAS no.	test method	biological degradability %
dibenzoyl peroxide 94-36-0	OECD 301 D	readily bio-degradable

Bioaccumulative potential

n.d.a.

Mobility in soil

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n.d.a.

Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

Other adverse effects

The product should not be allowed to enter drains or water courses.

13 Section 13: Disposal considerations

Waste treatment methods

Observe national and local legal requirements.

European list of wastes

Commission Decision 2000/532/EC dated 3rd May, 2000

08 01 11*

Waste from the manufacture, formulation, supply and use (MFSU) and removal of paint and varnish;
waste paint and varnish containing organic solvents or other dangerous substances

Any waste marked with an asterisk (*) is considered as a hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

Contaminated packaging

Recommendation

Containers which are not properly emptied must be disposed pursuant to Directive 91/689/EEC

14 Section 14: Transport Information

UN number

Transport by Road or Rail (ADR/RID):
3108

Sea Transport (IMDG):
3108

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Air Transport (IATA/ICAO):
3108

Inland waterway transport (ADN):
not evaluated

UN proper shipping name

Transport by Road or Rail (ADR/RID):
ORGANIC PEROXIDE TYPE E, SOLID

Sea Transport (IMDG):
ORGANIC PEROXIDE TYPE E, SOLID (dibenzoyl peroxide)

Air Transport (IATA/ICAO):
ORGANIC PEROXIDE TYPE E, SOLID

Inland waterway transport (ADN):
not evaluated

Transport hazard class(es)

Transport by Road or Rail (ADR/RID):
5.2

Sea Transport (IMDG):
5.2

Air Transport (IATA/ICAO):
5.2, (KAFH)

Inland waterway transport (ADN):
not evaluated

Packing group

Transport by Road or Rail (ADR/RID):
The preparation is not classified as hazardous for transport

Sea Transport (IMDG):
The preparation is not classified as hazardous for transport

Air Transport (IATA/ICAO):
The preparation is not classified as hazardous for transport

Inland waterway transport (ADN):
not evaluated

Environmental hazards

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Transport by Road or Rail (ADR/RID):
none

Sea Transport (IMDG):
none

Inland waterway transport (ADN):
not evaluated

Special precautions for user

Transport by Road or Rail (ADR/RID):
Hazard number 50

Sea Transport (IMDG):
EMS-Nr: F-J, S-R

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

15 Section 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

Information pursuant to VOC Directive 1999/13/EC (for product as supplied)

Volatile organic solvents: n.a.
VOC : n.a.
Volatile CMR substances : n.a.
Volatile halogenated substances labelled with R40:
n.a.

Details relating to the VOC Directive 2004/42/EC

Subcategory as indicated in Annex IIB : n.a.
Limit value for maximum VOC content
as specified in Annex IIB : n.a.

National Regulations

Chemical Safety Assessment

Chemical Safety Assessment not required

16 Section 16: Other Information

Restricted to professional users.

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This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010.

The information contained in this safety data sheet does not relieve users from the obligation to carry out their own risk assessment according to Directive 98/24/EC.

Full text of risk warnings for components listed in section 3

R3

Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R36

Irritating to eyes.

R43

May cause sensitization by skin contact.

R50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R7

May cause fire.

H241

Heating may cause a fire or explosion.

H317

May cause an allergic skin reaction.

H319

Causes serious eye irritation.

H400

Very toxic to aquatic life.

E Explosive
N Dangerous for the environment
Xi Irritant

For multi-pack systems observe material safety data sheets of all components.

Explanation of abbreviations:

n.d.a. no data available

n.a. not applicable

EU-L Indicative occupational exposure limit value according to Directive 98/24/EC - 8 hours

EU-S Indicative occupational exposure limit value according to Directive 98/24/EC - short-term

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The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.