



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

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Hardener 50% yellow 16g part B

sds no. : 205010
V003.0

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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

Hardener 50% yellow 16g part B

Intended use:

hardener component

Company name:

Henkel Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (0)1442 278000
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E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44 (0)1442 278497

2. Hazards identification

Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.
R7 May cause fire.
R36 Irritating to eyes.
R43 May cause sensitisation by skin contact.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. Composition / information on ingredients

General chemical description:

Hardener

Declaration of ingredients according to (EC) No 1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Dibenzoyl peroxide 94-36-0	202-327-6	>= 40 - <= 60 %	E - Explosive; R3 Xi - Irritant; R36 O - Oxidizing; R7 R43
Oxydipropyl dibenzoate 27138-31-4	248-258-5	>= 20 - <= 30 %	N - Dangerous for the environment; R51/53

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

Inhalation:

Move to fresh air. If symptoms persist, seek medical advice.

Skin contact:

Immediately wash skin thoroughly with soap and water.
Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Seek medical advice.

Ingestion:

Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

Carbon dioxide, foam, powder

Special protection equipment for firefighters:

Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA).

Hazardous combustion products:

Oxides of carbon, oxides of nitrogen, irritating organic vapors.

Additional information:

Do not inhale vapors and fumes.

6. Accidental release measures

Personal precautions:

Remove sources of ignition.
Ensure adequate ventilation.

Environmental precautions:

Do not let product enter drains.

Clean-up methods:

For large spills absorb onto inert absorbent material and place in sealed container for disposal.
For small spills wipe up with paper towel and place in container for disposal.
Wash spillage site thoroughly with soap and water or detergent solution.

7. Handling and storage

Handling:

Do not inhale vapors and fumes.
Avoid skin and eye contact.
Keep away from sources of ignition - no smoking.
Use only in well-ventilated areas.
Avoid open flames and sources of ignition.
No smoking.

Storage:

Keep away from sources of ignition.
Store in a cool, well-ventilated place.

8. Exposure controls / personal protection**Components with specific control parameters for workplace:**

Valid for

Great Britain

Basis

UK EH40 WELs

Ingredient	ppm	mg/m3	Type	Category	Remarks
DIBENZOYL PEROXIDE 94-36-0		5	Time Weighted Average (TWA).		EH40 WEL

Respiratory protection:

An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (IIR; \geq 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (IIR; \geq 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Avoid eye contact.

Wear protective glasses.

General protection and hygiene measures:

Good industrial hygiene practices should be observed.

9. Physical and chemical properties**General characteristics:**

Appearance

Paste

yellow

Odor:

Mild

Phys./chem. properties:

Boiling point

Not applicable

Flash point

> 50,0 °C (> 122 °F)

Density

1,2000 g/cm³

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Explosion limit

Not determined

10. Stability and reactivity**Conditions to avoid:**

Heat, flames, sparks and other sources of ignition.

Store away from incompatible materials.

Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately.

Materials to avoid:

Reaction with reducing agents.
Heavy metals.
Reacts with acids.

11. Toxicological information**Oral toxicity:**

May cause irritation to the digestive tract.

Inhalative toxicity:

May cause irritation to respiratory system.

Skin irritation:

Prolonged or repeated contact may cause skin irritation.
May cause sensitization by skin contact.

Eye irritation:

Irritating to eyes.

12. Ecological information**Ecotoxicity:**

Hazardous components CAS-No.	Species	Exposure time	Value type	Value
Oxydipropyl dibenzoate 27138-31-4	Fathead minnow (Pimephales promelas)	96 h	LC 50	3,7 mg/l

General ecological information:

Do not empty into drains / surface water / ground water.
Toxic to aquatic organisms
May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations**Product disposal:**

Incineration under controlled conditions is recommended.

Waste code(EWC):

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

14. Transport information**Road transport ADR:**

Class: 5.2
Packaging group:
Classification code: P1
Hazard ident. number:
UN no.: 3108
Label: 5.2
Technical name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Tunnelcode: (D)
Additional substance property: Environmentally Hazardous

Railroad transport RID:

Class: 5.2
Packaging group:
Classification code: P1
Hazard ident. number: 539
UN no.: 3108
Label: 5.2
Technical name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Tunnelcode:
Additional substance property: Environmentally Hazardous

Inland water transport ADN:

Class: 5.2
Packaging group:
Classification code: P1
Hazard ident. number:
UN no.: 3108
Label: 5.2
Technical name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE)
Additional substance property: Environmentally Hazardous

Marine transport IMDG:

Class: 5.2
Packaging group:
UN no.: 3108
Label: 5.2
EmS: F-J ,S-R
Seawater pollutant: Marine pollutant
Proper shipping name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) (Dipropylenglycol dibenzoate)

Air transport IATA:

Class: 5.2
Packaging group:
Packaging instructions (passenger) 510
Packaging instructions (cargo) 513
UN no.: 3108
Label: 5.2, HEAT
Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide)

Further information for transport:

When transporting as a set (component A and B) then the following dangerous good classification is used: UN 3269 Polyester resin kit, 3, III.

15. Regulations - classification and identification

Indication of danger:

O - Oxidizing

N - Dangerous for the environment

Xi - Irritant



Contains

Dibenzoyl peroxide

Risk phrases:

R7 May cause fire.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

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

Safety phrases:

S2 Keep out of the reach of children.

S3/7 Keep container tightly closed in a cool place.

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water and soap.

S37 Wear suitable gloves.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Additional labeling:

For consumer use only: S2 Keep out of the reach of children

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

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

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

R7 May cause fire.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 1999/45/EC.