
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: CP2 ORGANIC PEROXIDE
- Product Part Number: CP2

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

- Use of the substance/mixture: Curing Agent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Corrocoat Limited
- Address of Supplier: Forster Streer, Leeds, West Yorkshire LS10 1PW
- Telephone: +44 (0)113 2760760
- Fax: +44 (0) 113 2760700
- Email: Info@corrocoat.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0)1652 641124
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SECTION 2 Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Flam. Liq. 3, Org. Perox. EF, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1
- CHIP:

2.2 Label elements**GHS03****GHS05**

- Signal Word: Danger
- Hazard statements
 - H242 - Heating may cause a fire.
 - H302 - Harmful if swallowed.
 - H314 - Causes severe skin burns and eye damage.
 - H319 - Causes serious eye irritation.
- Precautionary statements
 - P234 - Keep only in original container.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P403+P235 - Store in a well-ventilated place. Keep cool.
 - P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

SECTION 3 Composition/information on ingredients**3.1 Mixtures**

- Methyl Ethyl Ketone Peroxide
 - CAS Number: 001338-23-4
 - Concentration: 34%
 - H Statements: H242,H302,H312,H314,H331
 - Categories: Skin Corr. 1B, Eye Dam. 1
- METHYL ETHYL KETONE

SECTION 3 Composition/information on ingredients (...)

CAS Number: 000078-93-3

Concentration: 3%

H Statements: H225,H319,H336

Categories: Eye Irrit. 2, STOT SE 3

SECTION 4 First aid measures**4.1 Description of first aid measures**

- P363 - Wash contaminated clothing before reuse.
- Contact with eyes
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Contact with skin
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- Ingestion
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P330 - Rinse mouth.
- Inhalation
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- H302 - Harmful if swallowed.
- Causes burns
- Risk of serious damage to eyes

4.3 Indication of any immediate medical attention and special treatment needed

- P310 - Immediately call a POISON CENTER or doctor/physician.
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SECTION 5 Fire-fighting measures**5.1 Extinguishing media**

- P370+P378 - In case of fire: Use water spray, foam, CO2 for extinction.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition / combustion products
CO2, Carbon monoxide.
Acetic acid, Formic acid, Propanoic acid, Methyl ethyl ketone.

5.3 Advice for firefighters

- Wear Breathing Apparatus
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SECTION 6 Accidental release measures**Spillage causes slippery surface****6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in suitable inert material

6.4 Reference to other sections

SECTION 7 Handling and storage**7.1 Precautions for safe handling**

- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - Avoid contact with skin and eyes
 - P270 - Do not eat, drink or smoke when using this product.
 - Avoid contact with acids and alkalis
 - Avoid contact with reducing agents
 - Do not pipette by mouth
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SECTION 7 Handling and storage (....)**7.2 Conditions for safe storage, including any incompatibilities**

- P233 - Keep container tightly closed.
- P234 - Keep only in original container.
- P240 - Ground/bond container and receiving equipment.
- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.
- P420 - Store away from other materials.

7.3 Specific end use(s)

- Restricted to professional users
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SECTION 8 Exposure controls/personal protection**8.1 Control parameters**

- Methyl Ethyl Ketone Peroxide
OES / STEL 1.5 mg/m³
- METHYL ETHYL KETONE
OES / STEL 15 mg/m³

8.2 Exposure controls

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
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SECTION 9 Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Appearance: Clear
- Odour threshold Faint
- pH: PH - not known
- Melting point/Range: Melting point - not applicable
- Freezing point/Range:
- Boiling Point/Range: Decomposes
- Flashpoint: 42
- Evaporation Rate:
- Flammability: Decomposition products may be flammable.
- Upper flammability limit
- Lower flammability limit
- Upper explosive limit
- Lower explosive limit
- Vapour Pressure:
- Vapour Density: Vapour density - not applicable
- Density: Density 1012 kg/m³ at 20 °C
- Solubility in water: Insoluble in water
- Solubility(ies):
- Partition Coefficient (n-Octanol/Water): Partition coefficient : n-Octanol/water - not known
- Autoignition Temperature
- Viscosity: Viscosity 32.4 mPa.s at 20 deg C
- Explosive Properties: Non-explosive
- Oxidising Properties:

9.2 Other information

- VOC level (Base and Hardener):
 - Percent Volatile
 - % Solids:
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SECTION 10 Stability and reactivity**10.1 Reactivity****10.2 Chemical stability**

- SADT - (Self accelerating decomposition temperature) is the lowest temperature at which self accelerating decomposition may occur with a substance in the packaging as used in transport.
A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire can be caused by thermal decomposition at and above the following temperature: 60 °C. Contact with incompatible substances can cause decomposition at or below the SADT 60 °C.

SECTION 10 Stability and reactivity (....)**10.3 Possibility of hazardous reactions**

- Polymerization does not occur.

10.4 Conditions to avoid

- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- Do not store above 25 °C

10.5 Incompatible materials

- strong acids, strong bases, strong oxidising agents

10.6 Hazardous Decomposition Products

- See Section 5.2
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SECTION 11 Toxicological information**11.1 Information on toxicological effects**

- METHYL ETHYL KETONE
LD50 (oral,rat) 2737 mg/kg
LD50 (dermal) : 4000 mg/kg
LC50 (inhalation,rat) 23.5 mg/l/4h
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SECTION 12 Ecological information**12.1 Toxicity**

- Methyl Ethyl Ketone Peroxide
LC50 (fish) 44.2 mg/l (96 hr)
- METHYL ETHYL KETONE
LC50 (fish) 3.22 mg/l (96 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulation Potential

- No information available

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- Not applicable

12.6 Other Adverse Effects

- Naturally occurring substance
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SECTION 13 Disposal considerations

Due to the high risk of contamination recycling/recovery is not recommended. Waste disposal in accordance with regulations (most probably controlled incineration).

13.1 Waste treatment methods

- P501 - Dispose of contents/container to according to local regulations
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SECTION 14 Transport information**Organic Peroxide****Corrosive****14.1 UN Number**

- UN No.: 3105

14.2 UN Proper Shipping Name

- Proper Shipping Name: ORGANIC PEROXIDE TYPE D, LIQUID

14.3 Transport hazard class(es)

- Hazard Class: 5.2

14.4 Packing group

SECTION 14 Transport information (...)

- Packing Group: II

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

- Not applicable
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SECTION 15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- GHS label elements
The product is classified and labelled according to the CLP regulation.

15.2 Chemical Safety Assessment

- This Safety Data Sheet does not constitute a workplace risk assessment
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H242: Heating may cause a fire. H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H336: May cause drowsiness or dizziness.

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents