

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 Street, 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

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Organic peroxide, type D, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1
- CHIP:

2.2 Label elements

GHS02



GHS05



GHS07

- Signal Word: Danger
- Hazard statements
 - H242 - Heating may cause a fire.
 - H314 - Causes severe skin burns and eye damage.
 - H332 - Harmful if inhaled.
- Precautionary statements
 - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P234 - Keep only in original packaging.
 - P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - 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****3.2 Mixtures**

- Methyl Ethyl Ketone Peroxide
 - CAS Number: 1338-23-4
 - Concentration: 30 - 40%
 - H Statements: H240;H302;H332;H314;H318
 - Categories: Org. Perox. A, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1
- METHYL ETHYL KETONE

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

CAS Number: 78-93-3

Concentration: 1 - 3%

H Statements: H225,H319,H336

Categories: Flam. Liq. 2, 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): Take off immediately all contaminated clothing. Rinse skin with water [or 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 person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

- H318 - Causes serious eye damage.
- H332 - Harmful if inhaled.
- Causes severe burns

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
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SECTION 5: Firefighting measures**5.1 Extinguishing media**

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

5.2 Special hazards arising from the substance or mixture

- Caution: Reignition may occur.
- Do not use a solid water stream as it may scatter and spread fire.
- Hazardous decomposition products formed under fire conditions.

5.3 Advice for firefighters

- Self contained breathing apparatus and full protective clothing must be worn in case of fire.
 - Water spray should be used to cool containers. Keep run-off water out of sewers and water sources.
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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
- Ensure adequate ventilation
- Keep away ignition sources.
- For non-emergency personnel:
No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Put on appropriate personal protective equipment.

For emergency responders:

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

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 6: Accidental release measures (...)

- See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

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

7.2 Conditions for safe storage, including any incompatibilities

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

7.3 Specific end use(s)

- Restricted to professional users

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

- Diisononyl Phthalate
TWA: 5 mg/m³ 8 hours
- Methyl Ethyl Ketone Peroxide
STEL: 1.5 mg/m³ 15 minutes
DNEL (dermal): 1.08 mg/kg
DNEL (inhalational): 1.9 mg/m³
PNEC: Fresh water 0.0056 mg/l
PNEC: Intermittent water 0.056 mg/l
PNEC: Marine water 0.00056 mg/l
PNEC Fresh water sediment 0.019 mg/kg dry weight
PNEC Marine sediment 0.0019 mg/kg dry weight
PNEC: Sewage treatment plant 1.2 mg/l
PNEC Soil 0.00231 mg/kg dry weight
- METHYL ETHYL KETONE
TWA: 600 mg/m³ 8 hours
STEL: 900 mg/m³ 15 minutes
DNEL (dermal): 1161 mg/kg
DNEL (inhalational): 600 mg/m³
PNEC: Fresh water 55.8 mg/l
PNEC: Marine water 55.8 mg/l
PNEC: Intermittent water 55.8 mg/l
PNEC: Sewage treatment plant 709 mg/l
PNEC Fresh water sediment 284.74 mg/kg dry weight
PNEC Marine sediment 284.74 mg/kg dry weight
PNEC Soil 22.5 mg/kg dry weight
PNEC Oral 1000 mg/kg Food

8.2 Exposure controls**Boots****Gloves****Goggles****Respirator**

- P280 - Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 8: Exposure controls/personal protection (....)

- Wear nitrile gloves
 - Wear neoprene gloves
 - P284 - In case of inadequate ventilation wear respiratory protection.
 - P241 - Use explosion-proof ventilating and lighting equipment.
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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 below the boiling point.
- Flashpoint: Above the SADT value
- Evaporation Rate: Not determined
- Flammability: Decomposition products may be flammable.
- Upper flammability limit No data available%(in air)
- Lower flammability limit No data available%(in air)
- Upper explosive limit: No data available % (in air)
- Lower explosive limit: No data available % (in air)
- Vapour Pressure: Not determined
- Vapour Density: Vapour density - not applicable
- Density: Density: 1.012 kg/m³ at 20 °C
- Solubility in water: Insoluble in water
- Solubility(ies): (Solvents) Miscible with:, Phthalates
- Partition Coefficient (n-Octanol/Water):Partition coefficient : n-Octanol/water - not known
- Autoignition Temperature: Test method not applicable
- Viscosity: Viscosity: 34.2 mPa.s at 20 deg C
- Explosive Properties: Non-explosive
- Oxidising Properties: Not classified as oxidising

9.2 Other information

- VOC level (Base and Hardener): Not applicable
 - Percent Volatile Not applicable%
 - % Solids: Not applicable
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SECTION 10: Stability and reactivity**10.1 Reactivity**

- Considered stable under normal conditions

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.

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**

SECTION 11: Toxicological information (....)

- METHYL ETHYL KETONE
 - LD50 (oral,rat): 2737 mg/kg
 - LD50 (dermal) : Rabbit 6480 mg/kg
 - LC50 (inhalation,rat): 23.5 mg/l/4h
 - Methyl Ethyl Ketone Peroxide
 - LD50 (oral,rat): 1017 mg/kg
 - LC50 (inhalation,rat): 1.5 mg/l/4h
 - LD50 (dermal) : Rat 4000 mg/kg
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SECTION 12: Ecological information**12.1 Toxicity**

- Methyl Ethyl Ketone Peroxide
 - LC50 (fish): 44.2 mg/l (96 hr)
 - EC50 (Daphnia magna): 39 mg/l (48 hr)
 - EC50 (Algae) 5.6 mg/l (72hr)
- METHYL ETHYL KETONE
 - LC50 (fish): 3.22 mg/l (96 hr)

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- No further relevant information available.

12.5 Results of PBT and vPvB assessment

- This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

- No further relevant information available.
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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

14.1 UN number

- UN No.: 3105

14.2 UN proper shipping name

- Proper Shipping Name: ORGANIC PEROXIDE TYPE D, LIQUID (Methyl ethyl ketone peroxide)

14.3 Transport hazard class(es)

- Hazard Class: 5.2

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

SECTION 14: Transport information (....)

- Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of Marpol 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

- A chemical safety assessment has been carried out.
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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. H240: Heating may cause an explosion. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful 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

--- end of safety datasheet ---
