

Safety Data Sheet
acc. to OSHA HCS & WHMIS

Printing date 09/14/2018

Reviewed on 09/14/2018

1 Identification

- **Product identifier:** 331335, 331312
- **Trade name:** **CCW 570 Catalyst Powder (All Sizes)**
- **Item number(s):** 331335, 331312
- **MSDS Number:** 504
- **Application of the substance / the mixture** CATALYST
- **Manufacturer/Supplier:**
Carlisle Coatings & Waterproofing
900 Hensley Lane
Wylie, TX 75098
- **Information department:**
800-527-7092
www.carlisleccw.com
- **Emergency telephone number:**
ChemTrec (800) 424-9300 / 1-(703)-741-5970
Canada only: CANUTEC (Call collect) (613) 996-6666

2 Hazard(s) identification

- **Classification of the substance or mixture:**



GHS02 Flame

Organic Peroxides – Type D H242 Heating may cause a fire.



GHS08 Health hazard

Reproductive Toxicity - Category 2 H361 Suspected of damaging fertility or the unborn child.



GHS07

Eye Irritation - Category 2A H319 Causes serious eye irritation.
Skin Sensitizer - Category 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

dibenzoyl peroxide
dicyclohexyl phthalate

- **Hazard statements:**

Heating may cause a fire.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

- **Precautionary statements:**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep only in original packaging.

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Ground and bond container and receiving equipment.
 Avoid breathing dust/fume/gas/mist/vapours/spray.
 Wash thoroughly after handling.
 Contaminated work clothing should not be allowed out of the workplace.
 Wear protective gloves/protective clothing/eye protection/face protection.
 If on skin: Wash with plenty of water.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 IF exposed or concerned: Get medical advice/attention.
 If skin irritation or rash occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 In case of fire: Use for extinction: CO₂, powder or water spray.
 Store in a well-ventilated place. Keep cool.
 Protect from sunlight.
 Store at temperatures not exceeding 30°C.
 Store separately.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **NFPA ratings (scale 0 - 4):**



Health = 2
 Fire = 3
 Reactivity = 0

The substance possesses oxidizing properties.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

| | | |
|---------|------------------------|------------|
| 84-61-7 | dicyclohexyl phthalate | 30-60% w/w |
| 94-36-0 | dibenzoyl peroxide | 30-60% w/w |

· **Additional information:**

Exact concentrations and/or compositions are being withheld as trade secrets.

4 First-aid measures

- **After inhalation:**
 Supply fresh air and to be sure call for a doctor.
 In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:**
 Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or a rash occurs: Get medical advice/attention.
- **After eye contact:**
 Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.
- **After swallowing:** Call a poison center/doctor if you feel unwell. Rinse mouth.
- **Most important symptoms and effects, both acute and delayed:**
 No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:**
In certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Ensure adequate ventilation
Keep away from ignition sources
Wear protective clothing.
Wear protective equipment. Keep unprotected persons away.
Use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Do not store together with oxidizing and acidic materials as well as heavy-metal compounds.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**

94-36-0 dibenzoyl peroxide

| | |
|-------------|--------------------------------------|
| EL (Canada) | Long-term value: 5 mg/m ³ |
| EV (Canada) | Long-term value: 5 mg/m ³ |
| PEL (USA) | Long-term value: 5 mg/m ³ |
| REL (USA) | Long-term value: 5 mg/m ³ |

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TLV (USA) Long-term value: 5 mg/m³

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves:**
Fluorocarbon rubber (Viton)
Nitrile rubber, NBR
Natural rubber, NR
- **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

| | |
|---|------------------------------|
| · Form: | Powder |
| · Color: | White |
| · Odor: | Characteristic |
| · Odor threshold: | Not determined. |
| · pH-value: | Not applicable. |
| · Change in condition | |
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | Not determined. |
| · Flash point: | Not applicable. |
| · Flammability (solid, gaseous): | May cause fire. |
| · Decomposition temperature: | 60 °C (SADT) |
| · Auto igniting: | Product is not selfigniting. |
| · Danger of explosion: | Not determined. |
| · Explosion limits | |
| Lower: | Not determined. |
| Upper: | Not determined. |
| · Vapor pressure at 20 °C: | 1 hPa |

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- | | |
|---|--|
| · Density at 20 °C: | 1.23 g/cm ³ |
| · Relative density: | Not determined. |
| · Vapor density: | Not applicable. |
| · Evaporation rate: | Not applicable. |
| · Solubility in / Miscibility with Water: | Insoluble. |
| · Partition coefficient (n-octanol/water): | Not determined. |
| · Viscosity: | |
| Dynamic: | Not applicable. |
| Kinematic: | Not applicable. |
| · Solvent content: | |
| VOC content: | 0.00 % 0.0 g/l / 0.00 lb/gl |
| · Other information | No further relevant information available. |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
To avoid thermal decomposition do not overheat.
- **Possibility of hazardous reactions:** Reacts with reducing agents.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity**
- **Specific symptoms in biological assay:** No further relevant information available.
- **Primary irritant effect**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

94-36-0 dibenzoyl peroxide

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- **NTP (National Toxicology Program)**

None of the ingredients is listed.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.

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- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:**
Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

14 Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> · UN-Number · DOT, TDG, IMDG, IATA | <p style="margin-left: 20px;">UN3106</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · DOT · TDG · IMDG · IATA | <p style="margin-left: 20px;">Organic peroxide type D, solid 3106 Organic peroxide type D, solid ORGANIC PEROXIDE TYPE D, SOLID, MARINE POLLUTANT ORGANIC PEROXIDE TYPE D, SOLID</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · DOT | <div style="display: flex; align-items: center; gap: 10px;">   </div> |
| <ul style="list-style-type: none"> · Class · Label · TDG, IMDG | <p style="margin-left: 20px;">5.2 Organic peroxides 5.2</p> |
| <div style="display: flex; align-items: center; gap: 10px;">   </div> | <p style="margin-left: 20px;">5.2 Organic peroxides 5.2</p> |
| <ul style="list-style-type: none"> · Class · Label | <p style="margin-left: 20px;">5.2 Organic peroxides 5.2</p> |

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| | |
|--|--|
| · IATA | |
| | |
| · Class | 5.2 Organic peroxides |
| · Label | 5.2 |
| · Packing group | |
| · DOT | II |
| · Environmental hazards: | |
| · Marine pollutant: | Yes |
| | Symbol (fish and tree) |
| · Special marking (TDG): | Symbol (fish and tree) |
| · Special precautions for user: | Warning: Organic peroxides |
| · EMS Number: | F-J,S-R |
| · Stowage Category | D |
| · Stowage Code | SW1 Protected from sources of heat. |
| · Segregation Code | SG35 Stow "separated from" acids. SG36 Stow "separated from" alkalis. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |
| · Transport/Additional information: | |
| · DOT | |
| · Quantity limitations | On passenger aircraft/rail: 5 kg On cargo aircraft only: 10 kg |
| · Remarks: | Special marking with the symbol (fish and tree). |
| · TDG | |
| · Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| · IMDG | |
| · Limited quantities (LQ) | 500 g |
| · Excepted quantities (EQ) | Code: E0 Not permitted as Excepted Quantity |
| · UN "Model Regulation": | UN 3106 ORGANIC PEROXIDE TYPE D, SOLID, 5.2 |

15 Regulatory information

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

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

94-36-0 dibenzoyl peroxide

· TSCA (Toxic Substances Control Act):

All ingredients are listed or exempted

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- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Canadian substance listings**

- **Canadian Domestic Substances List (DSL/NDSL):**

All ingredients are listed.

- **Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed.

- **Canadian Ingredient Disclosure list (limit 1%):**

94-36-0 | dibenzoyl peroxide

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02 GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

dibenzoyl peroxide
dicyclohexyl phthalate

- **Hazard statements**

Heating may cause a fire.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.

- **Precautionary statements**

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep only in original packaging.
Ground and bond container and receiving equipment.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.

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Take off contaminated clothing and wash it before reuse.
In case of fire: Use for extinction: CO₂, powder or water spray.
Store in a well-ventilated place. Keep cool.
Protect from sunlight.
Store at temperatures not exceeding 30°C.
Store separately.
Dispose of contents/container in accordance with local/regional/national/international regulations.

16 Other information

This SDS format meets ANSI Z400.1-1998 and OSHA 1910.1200 requirements. We provide the information contained herein in good faith but make no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond our control. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made.

- **Department issuing SDS:** Product safety department
- **Contact:** Stephen Nowicki
- **Date of preparation / last revision** 09/14/2018 / -
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - VOC: Volatile Organic Compounds (USA, EU)

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