

MATERIAL SAFETY DATA SHEET

COSTAR-CURE 30

Section 1 – Identification of the substance/mixture and of the company/undertaking

Product name: Costar-cure 30
Manufacturer: Costarchem inc
Identified use: Acrylic emulsion based curing compound

Address: Costar Building Product, USA.
 info@costarchem.com | www.costarchem.com

Section 2 – Hazards Identification

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE (EC 1272/2008)

| | |
|----------------------|---|
| Physical Hazard | Not classified |
| Health Hazard | Skin irritation 2 - H315 Eye irritation 2 - H319 |
| Environmental Hazard | Not classified |

2.2. LABEL ELEMENTS

Hazard Pictogram



Signal



Danger

Warning

Hazard statements

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H351 Suspected of causing cancer.

Precautionary statements

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P308+P313 IF exposed or concerned: Get medical advice/ attention.
 P321 Specific treatment (see medical advice on this label).
 P501 Dispose of contents/ container in accordance with national regulations.

Supplementary precautionary statements

P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P264 Wash contaminated skin thoroughly after handling.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P337+P313 If eye irritation persists: Get medical advice/ attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P405 Store locked up

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Section 3 - Composition/information on ingredients

ACRYLIC POLYMER EMULSION

CAS no: 25085-02-3

| | |
|-----------------------|---|
| Classification | Classification (67/548/EEC or 1999/45/EC) |
|-----------------------|---|

Not classified

TITANIUM DIOXIDE

CAS number: 13463-67-7

EC number: 236-675-5

REACH registration number: 01-2119489379-17-XXXX

| | |
|-----------------------|----------------|
| Classification | Not Classified |
|-----------------------|----------------|

2,2,4-TRIMETHYL-1,3-PENTANEDIOL

MONOISOBUTYRATE

CAS number: 25265-77-4

EC number: 246-771-9

| | |
|-----------------------|---|
| Classification | Classification (67/548/EEC or 1999/45/EC) |
|-----------------------|---|

Aquatic Chronic 3 - H412

Section 4 - First aid measures

4.1. DESCRIPTION OF FIRST AID MEASURE

General information Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Inhalation Rinse nose and mouth with water.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting.

Skin contact Remove contaminated clothing. Wash skin thoroughly with soap and water.

Eye contact Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2. MOST IMPORTANT SYMPTOMS AND EFFECT, BOTH ACUTE AND DELAYED

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation May cause coughing and difficulties in breathing.

Ingestion May cause stomach pain or vomiting.

Skin contact Prolonged skin contact may cause redness and irritation.

Eye contact Severe irritation, burning and tearing.

4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

| | |
|----------------------|------------------------|
| Notes for the doctor | Treat symptomatically. |
|----------------------|------------------------|

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Section 5 - Firefighting measures

5.1. EXTINGUISHING MEDIA

Suitable extinguishing media: The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. ADVICE FOR FIREFIGHTERS

Protective actions during firefighting: Containers close to fire should be removed or cooled with water. Fight fire from safe distance or protected location.

Special protective equipment for firefighters: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing

Section 6 - Accidental release measures

6.1. PRECAUTIONS

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

Environmental precautions: Prevent entry into drains, sewers and water courses.

6.2. METHOD AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Methods for cleaning up: Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

Section 7 - Handling and storage

7.1. PRECAUTIONS FOR USAGE

Usage precautions: Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class: Chemical storage.

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Section 8 – Exposure controls/Personal protection

8.1. OCCUPATIONAL EXPOSURE LIME

TITANIUM DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust

WEL = Workplace Exposure Limit

TITANIUM DIOXIDE (CAS: 13463-67-7)

DNEL

Industry - Inhalation; Long term local effects: 10 mg/m³

Consumer - Oral; Long term systemic effects: 700 mg/kg/day

PNEC

- Fresh water; 0.127 mg/l

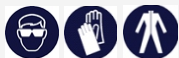
- Sediment (Freshwater); >=1000 mg/kg

- marine water; 1 mg/l

- Sediment (Marine water); >= 100 mg

8.2. EXPOSURE CONTROL

Protective Equipment



Appropriate engineering controls: Provide adequate general and local exhaust ventilation.

Eye/face protection: Chemical splash goggles and face shield.

Hand protection: Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Other skin and body protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Wear apron or protective clothing in case of contact.

Hygiene measures: When using do not eat, drink or smoke.

Respiratory protection: Gas filter, type A2.

Section 9 – Physical and chemical properties

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|-----------------|
| Appearance | Liquid. |
| Colour | White |
| Odour | Mild |
| Odour threshold | Not determined. |
| Initial boiling point and range | >200° C |

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| | |
|--|---|
| Relative density | 1.51 @ 27°C |
| Solubility(ies) | Insoluble in water |
| Explosive properties | Not considered to be explosive. |
| Explosive under the influence of a flame | Not considered to be explosive. |
| Oxidising properties | The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising. |

Section 10 – Toxicological information

10.1. INFORMATION ON TOXICOLOGICAL EFFECT

| | |
|---------------|--|
| Inhalation | May cause coughing and difficulties in breathing. |
| Ingestion | May cause stomach pain or vomiting. |
| Skin contact | Prolonged skin contact may cause redness and irritation. |
| Eye contact | Severe irritation, burning and tearing. |
| Target organs | Skin Eyes |

Section 11 – Ecological information

| | |
|------------------------------------|---|
| Toxicity | Not considered toxic to fish. |
| Persistence and degradability | Expected to be not readily biodegradable. |
| Bioaccumulative potential | No data available on bioaccumulation. |
| Mobility | Insoluble in water. |
| Results of PBT and vPvB assessment | This product does not contain any substances classified as PBT or vPvB. |
| Other adverse effects | None known. |

Section 12 – Disposal considerations

12.1. WASTE TREATMENT METHOD

General information: The generation of waste should be minimised or avoided wherever possible.

Disposal methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority

Section 13 – Transport information

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number: Not applicable.

UN proper shipping name: Not applicable.

Transport hazard class(es): No transport warning sign required.

Packing group: Not applicable.

Environmentally hazardous substance/marine pollutant: No.

Special precautions for user: Not applicable.

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

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Section 14 – Regulatory information

National regulations: The Manufacture, storage and import of hazardous chemicals rules 1989.

EU legislation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 1 December 2008 on classification, labelling and packaging of substances and mixtures

Guidance: Workplace Exposure Limits EH40.

Chemical safety assessment: No chemical safety assessment has been carried out

Section 15 – Other information

Abbreviations and acronyms used in the safety data sheet

DMEL: Derived Minimal Effect Level.

DNEL: Derived No Effect Level.

IATA: International Air Transport Association.

General information: For professional use only.

Only trained personnel should use this material.

Hazard statements in full

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H351 Suspected of causing cancer.

H412 Harmful to aquatic life with long lasting effects.

LEGAL NOTE:

Costarchem products are manufactured and sold in line with standard terms and conditions.

The details based on application and end- use of our products are given to our best technical knowledge, as this takes into note the handling, storage and application process which should be in accordance with Costar's stipulations.

While Costar ensures that product application advice or recommendations it gives is accurate because it has no direct or continuous control over where or how its products are applied, cannot accept any liability either directly or indirectly arising from the use of its products.

The user is responsible for checking and testing the suitability of products for their intended application and purpose and use.

The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery.

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