

Safety Data Sheet
CPS PR221
Colorado Photopolymer Solutions, LLC

Reviewed on 4/2/19

1. Product and Company Information

Product Name CPS Resin: CPS PR221
Product Number CPS Resin: CPS PR221

Company Colorado Photopolymer Solutions, LLC
Address 1880 S. Flatiron Ct.,
 Boulder, CO 80301

Telephone Number 303-520-4107

Emergency Number 303-520-4107

2. Hazard(s) Identification

Classification of substance or mixture:



H315 Causes skin irritation
GHS07 H317 May cause an allergic skin reaction
H319 Causes serious eye irritation

Skin Irrit. 2
Skin sens. 1
Eye Irrit. 2



GHS09 H411 Toxic to aquatic life with long lasting effects

Chronic Aqu. 2

Precautionary Statements - Prevention

Do not handle until all safety precautions have been read and understood
Avoid contact with eyes, skin and clothing
Keep container closed when not in use.
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

IF exposed or concerned, get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Gently wash with plenty of soap and water, Take off contaminated clothing and wash before reuse.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Collect spillage.

Precautionary Statements - Storage

Store locked up Keep out of reach of children

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Hazards not otherwise classified (HNOC)

None

Other Information

None

Unknown acute toxicity

0% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/information on Ingredients

Proprietary mixture.

4. First-aid Measures

General: Remove contaminated clothing.

Eye contact: Wash affected eyes for at least 15 minutes under running water with eyelids held open.

Skin contact: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

Ingestion: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

Inhalation: If difficulties occur after inhalation, remove to fresh air and seek medical attention.

5. Fire-Fighting Measures

| | |
|----------------------------|---|
| Flash Point: | >110°C |
| Auto-ignition Temperature: | Unknown |
| Flammability: | Unknown |
| Fire Fighting Information: | Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Emits toxic fumes under fire conditions. |
| Extinguishing Media: | Dry chemical, sand, carbon dioxide, foam, water spray. |

6. Accidental Release Measures

| | |
|----------------------------|---|
| In case of spill: | Prevent further spill or leak if possible to do so without risk. Ventilate the area. Avoid generation of vapors. Contain and collect spilled chemical with non-combustible absorbent material such as clean sand, earth, diatomaceous earth or non-acidic clay and place into suitable properly labeled containers for prompt disposal. |
| Personal precautions: | Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Keep unprotected persons away from chemicals. |
| Environmental precautions: | Keep out of drains and water courses. Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater. |
| Methods for cleaning up: | Absorb with an inert material and place in a chemical waste container, and hold for waste disposal. Ventilate area and wash spill site after material pickup is complete. |

7. Handling and Storage

| | |
|-----------|--|
| Handling: | Do not breathe vapor. Do not get in eyes, on skin, or clothing. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. |
| Storage: | Keep in a dry, cool place. Store in closed containers, in a secure area to prevent container damage and subsequent spillage. Store out of direct sunlight in a cool well-ventilated place. |

8. Exposure Controls/ Personal Protection

| | |
|---------------------------|--|
| General Measures: | Keep away from foodstuff, beverages, and feed. Wash hands before breaks and at the end of work. |
| Engineering Controls: | Ensure adequate ventilation. Safety shower and eye bath must be nearby. Use in a chemical fume hood. |
| Eye Protection: | Wear eye and face protection. Wear NIOSH or equivalent certified chemical goggles. |
| Hand Protection: | Wear chemical-resistant gloves. |
| Skin and Body Protection: | Wear skin protection. |
| Ventilation: | Provide natural or mechanical ventilation to minimize exposure. |

9. Physical and Chemical Properties

| | |
|----------------------|---|
| Appearance: | Various |
| Physical State: | Liquid |
| Odor: | Mild |
| pH Value: | Not determined |
| Melting Point: | Not determined |
| Boiling Point: | Not determined |
| Flash Point: | Not applicable |
| Flammability: | Not applicable |
| Decomposition Temp.: | Not determined |
| Danger of explosion: | Product does not present an explosion hazard. |

10. Stability and Reactivity

| | |
|---------------------------|---|
| Chemical Stability: | Stable under recommended storage conditions. |
| Hazardous Polymerization: | Reacts rapidly upon exposure to ultraviolet light or in the presence of inhibitor depleting heat. Polymerization is hazardous and can degenerate into an uncontrolled reaction. |

Incompatible materials: Strong oxidizing agents, strong reducing agents, free radical generators, oxygen scavengers, and peroxides.

Hazardous Decomposition Products:

Acrid smoke-fumes, carbon monoxide, carbon dioxide, sulfur oxides, hydrocarbons, nitrogen oxides and perhaps other toxic vapors may be released during a fire involving this product.

11. Toxicological Information

Route of Exposure: Through contact with skin or after permeation of clothing.
Inhalation of vapors.

Toxicity

Oral: Not tested

Inhalation: Not tested

Skin Irritation: Irritating to mucus membranes and skin

Individual components of this product are not reported to produce mutagenic effects in humans. None of the components of this material are listed by IARC, NTP, OSHA or ACGIH as carcinogens

12. Ecological Information

Toxicity

Aquatic toxicity:

Avoid release into the environment. Runoff from fire control or dilution water will cause pollution.

Persistence and degradability No further relevant information available

Behavior in environmental systems:

Bioaccumilative potential No further relevant information available

Mobility in soil No further relevant information available

Additional ecological information:

General notes: Toxic for aquatic organisms

Resilts of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

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 packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: water, if necessary with cleansing agents

14. Transport Information

UN-Number

DOT, TDG, ADN, IMDG, IATA: Non-regulated material

UN-Proper Shipping name

DOT, TDG, AND, IMDG, IATA: Non-regulated material

Transport hazard class(es)

DOT, TDG, ADN, IMDG, IATA

Class: Non-regulated material

Packing group

DOT, ADN, IMDG, IATA: Non-regulated material

Environmental hazards: Not applicable

Special precautions for user: Not applicable

15. Regulatory Information

Inventory Information

Australia (AICS): Listed

China (IECSC): Listed

Canada (NDSL): no information

Europe (EINECS): Polymer

Japan(ENCS): Listed

Korea (ECL): Listed

New Zealand (ERMA): no information

USA (TSCA): Listed

16. Other Information

Revision Date: 4/2/19

Disclaimer:

The information and recommendations contained herein are believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Colorado Photopolymer Solutions assumes no responsibility and shall not be held liable for any damage resulting from handling or from contact with the above product.

Colorado Photopolymer Solutions, LLC