

Issue Date: August 29, 2018

Revision Date: March 25, 2019

Version: 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product name CURE-PRO

Other means of identification

UN/ID no. UN 1123

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Cure & seal for concrete.

Uses advised against No information available.

Details of the supplier of the safety data sheet

Manufacturer address FORTA
100 Forta Drive
Grove City, PA 16127
Phone: 1-800-245-0306

Emergency telephone number

Emergency telephone For Hazardous Materials (or Dangerous Goods) Incident, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or 1-703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory status This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|------------------------|-------------|
| Germ cell mutagenicity | Category 1B |
| Carcinogenicity | Category 1B |
| Aspiration toxicity | Category 1 |
| Flammable liquids | Category 2 |

Label elements

Emergency Overview

Danger

Hazard statements

May cause genetic defects

May cause cancer

May be fatal if swallowed and enters airways

Highly flammable liquid and vapor



| | | | | | |
|-------------------|-----------|-----------------------|--------|-------------|--------|
| Appearance | Colorless | Physical state | Liquid | Odor | Strong |
|-------------------|-----------|-----------------------|--------|-------------|--------|

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not handle until all safety precautions have been read and understood
 Use personal protective equipment as required
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking
 Keep container tightly closed when product is not in use.
 Ground/bond container and receiving equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Use explosion-proof electrical/ventilating/lighting/equipment

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 Do NOT induce vomiting
 In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary statements - Storage

Store locked up
 Store in a well-ventilated place. Keep cool.

Precautionary statements - Disposal

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

Hazards not otherwise classified (HNOC)

Not applicable

Other information

- May be harmful if swallowed
- May be harmful in contact with skin
- Harmful to aquatic life with long-lasting effects

Unknown acute toxicity No information available.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance

| Chemical Name | CAS# | Weight % | Trade Secret |
|------------------|-------------|----------|--------------|
| Exempt solvent | Proprietary | 70 – 80% | * |
| Trade secret | Proprietary | 10 – 20% | * |
| Aromatic solvent | 64742-95-6 | 10 – 20% | * |

4. FIRST AID MEASURES

Description of first aid measures

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.
 Consult a physician.

Skin contact Wash skin with soap and water.

Inhalation Remove to fresh air.

Ingestion Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

| | |
|--|--|
| Suitable extinguishing media | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | Caution: Use of water spray when fighting fire may be inefficient. |
| Specific hazards arising from the chemical | No information available. |
| Explosion data | Sensitivity to mechanical impact: None. Sensitivity to static discharge: None. |
| Protective equipment and precautions for firefighters | As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. |

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up the absorbed material (described just above) and transfer to properly labeled containers for disposal according to local/national regulations (see Section 13).

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------|------------------------------|--|--|
| Exempt solvent | STEL: 150 ppm TWA: 50 ppm | TWA: 200 ppm TWA: 950 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 950 mg/m ³ | IDLH: 1500 ppm TWA: 200 ppm TWA: 950 mg/m ³ |

Appropriate engineering controls

| | |
|----------------------|--|
| Engineering controls | Showers Eyewash stations Ventilation systems |
|----------------------|--|

Individual protection measures, such as personal protective equipment

| | |
|--------------------------------|--|
| Eye/face protection | No special technical protective measures are necessary. |
| Skin and body protection | No special technical protective measures are necessary. |
| Respiratory protection | If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respiratory protection should be worn. |
| General hygiene considerations | Handle in accordance with good industrial hygiene and safety practice. |

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | |
|----------------|--------------------------|
| Physical State | Liquid |
| Appearance | Colorless |
| Color | No information available |
| Odor | Strong |
| Odor Threshold | No information available |

Properties

| <u>Property</u> | <u>Value</u> | <u>Remarks/Method</u> |
|-----------------------------|--------------------------|--|
| pH | No information available | |
| Melting/freezing point | -57°C (-70.6°F) | |
| Boiling point/boiling range | 97°C (72°F) | |
| Flash point | 4°C (39°F) | |
| Evaporation rate | No information available | |
| Flammability (Solid, Gas) | No information available | |
| Flammability limit in air | | For exterior use only. Do not use indoors. |
| Upper limit | No information available | |
| Lower limit | 1.6% | |
| Vapor pressure | 5.6 | @20°C |
| Vapor density | 4.65 | |

| | |
|-------------------------------------|--------------------------|
| Specific gravity | No information available |
| Water solubility | No information available |
| Solubility in other solvents | No information available |
| Partition coefficient | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Kinematic viscosity | No information available |
| Dynamic viscosity | No information available |
| Explosive properties | No information available |
| Oxidizing properties | No information available |
| Other information | |
| Softening point | No information available |
| Molecular weight | No information available |
| VOC content (%) | No information available |
| Density | No information available |
| Bulk density | No information available |

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | No data available. |
| Chemical stability | Stable under recommended storage conditions. |
| Possibility of hazardous reactions | None under normal processing. |
| Conditions to avoid | Extremes of temperature and direct sunlight. |
| Incompatible materials | None known based on information supplied. |
| Hazardous decomposition products | None known based on information supplied. |

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|--------------------|
| Product information | No data available. |
| Inhalation | No data available. |
| Eye contact | No data available. |
| Skin contact | No data available. |
| Ingestion | No data available. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|--------------------------------|--------------------|--|--|
| Exempt solvent | = 4100 mg/kg (Rat) | > 2000 mg/kg (Rabbit) > 2 g/kg (Rabbit) | > 9482 mg/m ³ (Rat) 4 h > 2230 mg/m ³ (Rat) 4 h |
| Aromatic solvent 64742-95-6 | = 8400 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | = 3400 ppm (Rat) 4 h |

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Germ cell mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

STOT – single exposure No information available.

STOT – repeated exposure No information available.

Aspiration hazard No information available.

Numerical measures of toxicity – Product information

The following values are calculated based on chapter 3.1 of the GHS document. For external use only. Do not use indoors.

ATEmix (oral) 4,411.50

ATEmix (dermal) 2,002.00

12. ECOLOGICAL INFORMATION

Ecotoxicity 14.75% of the mixture consists of components of unknown hazards to the aquatic environment.

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|--------------------------------|----------------------|--|------------------------------------|
| Exempt solvent | - | 296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through | - |
| Aromatic solvent 64742-95-6 | - | 9.22: 96 h Oncorhynchus mykiss mg/L LC50 | 6.14: 48 h Daphnia magna mg/L EC50 |

Persistence and degradability No information available.

Bioaccumulation No information available.

| Chemical Name | Partition coefficient |
|----------------|-----------------------|
| Exempt solvent | 1.38 |

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable local, regional, national and international laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION**DOT**

UN/ID No. UN 1123
Hazard class 3
Packing group II

TDG

Not regulated.

| | |
|-------------------|----------------|
| MEX | Not regulated. |
| ICAO (air) | Not regulated. |
| IATA | Not regulated. |
| IMDG | Not regulated. |
| RID | Not regulated. |
| ADR | Not regulated. |
| ADN | Not regulated. |

15. REGULATORY INFORMATION

International Inventories

Legend

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS – Japan Existing and New Chemical Substances

IECSC – China Inventory of Existing Chemical Substances

KECL – Korean Existing and Evaluated Chemical Substances

PICCS – Philippines Inventory of Chemicals and Chemical Substances

AICS – Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

| | |
|--|-----|
| Acute health hazard | Yes |
| Chronic health hazard | No |
| Fire hazard | Yes |
| Sudden release of pressure hazard | No |
| Reactive hazard | No |

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

| Chemical Name | CWA – Reportable Quantities | CWA – Toxic Pollutants | CWA – Priority Pollutants | CWA – Hazardous Substances |
|----------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Exempt solvent | - | - | - | X |

CERCLA

This material, as supplied, contains one or more substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

| Chemical Name | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ) |
|----------------|--------------------------|----------------|--|
| Exempt solvent | 5000 lb | - | RQ 5000 lb final RQ RQ 2270 kg final RQ |

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

US State Right-to-Know Regulations

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|----------------|------------|---------------|--------------|
| Exempt solvent | X | X | X |

US EPA Label Information

EPA Pesticide Registration Number – Not applicable

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

NFPA Health hazards: 1 Flammability: 3 Instability: 0 Physical and chemical properties: —
HMIS Health hazards: 1 Flammability: 3 Physical hazards: 0 Personal protection: X

Prepared By xxxxx
Issue Date 29-Aug-2018
Revision Date 25-Mar-2019
Revision Note No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet