

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name: Hycrete Endure CP (Formerly Hycrete X1000)
Hycrete, Inc. (USA)

Safety data sheet no.:

Relevant identified uses of the substance or mixture and uses advised against:

No further relevant information available.

Application of the substance / the preparation: Construction chemicals

Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Hycrete, Inc.

14 Spielman Road, Fairfield, NJ 07004 USA

Tel: (201) 386-8110

Fax: (201) 386-8155

Email: info@hycrete.com

Emergency telephone number: (973) 465-0077

2. Hazards identification

GHS Classification:

Skin Irritation. Category 2

H315: Causes skin irritation.

Eye Irritation. Category 2

H319: Causes serious eye irritation.

Respiratory System; Category 3

H335: May cause respiratory irritation.

GHS Label element:

Hazard Pictograms



GHS07

Signal Word: Warning

Hazard statements

H315 Causes serious skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

Precautionary statements

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

3. Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 57195-26-3	Butanedioic acid 2-dodecenyl sodium salt  Xi R36/37/38  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	> 50%
CAS: 126-86-3 EINECS: 204-809-1	2,4,7,9-tetramethyldec-5-yne-4,7-diol  Xi R36/R52/53  Eye Irrit. 2, H319; Aquatic Chronic 3, H412	0,1 - 1%

Additional information For the wording of the listed risk phrases refer to section 16.

4. First aid measures

Description of first aid measures

General information No special measures required.

After inhalation Supply fresh air; consult doctor in case of complaints.

After skin contact Immediately rinse with water.

After eye contact  Rinse opened eye for several minutes under running water. Rinse liquid should be tempered (20- 30 °C or 68- 86°F).

After swallowing If symptoms persist consult doctor.

Information for doctor

Most important symptoms and effects, both acute and delayed

No further relevant information available.

Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5. Firefighting measures

Extinguishing media

Suitable extinguishing agents

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Not required.

Environmental precautions: No special measures required.

Methods and material for containment and cleaning up: Pick up mechanically.

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 measures required.

Provide suction extractors if dust is formed.

Information about fire - and explosion protection: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: None.

Specific end use(s) No further relevant information available.

8. Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Control parameters

Ingredients with limit values that require monitoring at the workplace:

Additional information:

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

Exposure controls
Personal protective equipment:
General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection: Not required.

Protection of hands: Protective gloves should be used if there is a risk of a constant direct contact

Material of gloves Nitrile rubber, NBR

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing.

9. Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Color:

According to product specification

Odor:

Low odor, faint organic ester-like

Odor threshold:

Not determined

pH-value:

Not determined

Change in condition

Melting point/Melting range:

Undetermined

Boiling point/Boiling range:

Undetermined

Flash point:

Not applicable

Flammability (solid, gaseous):

Product is not flammable.

Ignition temperature:

Not determined.

Decomposition temperature:

Not determined.

Self-igniting:

Product is not self-igniting.

Danger of explosion:

Product does not present an explosion hazard.

Explosion limits:

Lower:

Not determined

Upper:

Not determined

Oxidizing properties

Not determined

Vapor pressure:

Not applicable.

Density:

Not applicable

Relative density

Not applicable

Vapor density

Not applicable

Evaporation rate

Not applicable

Solubility in / Miscibility with  Water:

Slightly soluble

Segregation coefficient (n-octanol/water) log

Pow:

Not determined.

Viscosity:

dynamic:

Not applicable

kinematic:

Not applicable

Solvent content:

EU-VOC

0.00%

Other information

No further relevant information public

10. Stability and reactivity

Reactivity

Chemical stability

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

Possibility of hazardous reactions: Reacts with catalysts, oxidizing agents and strong alkali

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:

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: Irritating effect.

Sensitization: No sensitizing effects known.

12. Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

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.

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Results 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

Always dispose of in accordance with local, provincial (state), and federal regulations.

Recommendation Smaller quantities can be disposed of with household waste.

European waste catalogue

Possible waste code. The concrete waste code depends of the source of the waste.

07 01 99

wastes not otherwise specified

Uncleaned packaging:

Recommendation: Non contaminated packaging may be recycled.

14. Transport information

14.1 UN-Number	
ADR, ADN, DOT, IMDG, IATA	Not applicable.
14.2 UN proper shipping name	
ADR, ADN, DOT, IMDG, IATA	Not regulated.
14.3 Transport hazard class(es)	
ADR, ADN, DOT, IMDG, IATA Class	Not applicable.
14.4 Packing group	
ADR, DOT, IMDG, IATA	Not applicable.
14.5 Environmental hazards:	Not applicable.
Marine pollutant:	No
14.6 Special precautions for user	Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
14.8 UN "Model Regulation":	-

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	Not Regulated
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: No Reactive: No Immediate (Acute): No Delayed (Chronic): No

EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Carcinogens (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H315	Causes serious skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
R36	Irritating to eyes.
R36/37/38	Irritating to eyes, respiratory system and skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Department issuing SDS: Product safety department

Contact: Mr. Philip Rhodes Tel.: (973) 465-0077

Abbreviations and acronyms:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
DOT: US Department of Transportation
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
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)