

# SAFETY DATA SHEET

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR 1910.1200

## 1. Identification of the substance or mixture and of the supplier

### 1.1 Product identifier:

**Product name:** COMFORTSIL CATA 2812 A1

**Product No.:** PRCO90061527

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

**Identified uses:** Catalyst

**Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet:

**Supplier:**

Elkem Silicones USA Corp.  
Two Tower Blvd, Suite 1601  
08816-1100 East Brunswick, NJ  
USA

**Telephone:** +1 (732) 227-2060

**Fax:** +1 (732) 249-7000

**E-mail:** product.stewardship@elkem.com

### 1.4 Emergency telephone number:

+1 (800) 424-9300 CHEMTREC

## 2. Hazard identification

### 2.1 Classification of the substance or mixture:

The product has been classified according to the legislation in force.

**Hazard Classification:**

**Health Hazards:**

Serious eye damage

Category 1

H318: Causes serious eye damage.

**Environmental Hazards:**

Acute hazards to the aquatic environment

Category 3

H402: Harmful to aquatic life.

Chronic hazards to the aquatic environment

Category 3

H412: Harmful to aquatic life with long lasting effects.

### 2.2 Label Elements:

**Hazard pictograms:**



**Signal Word:**

Danger

**Hazard statements:**

H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements:**

**Prevention:** P280: Wear eye protection.  
P273: Avoid release to the environment.

**Response:** P305+P351+P315: IF IN EYES: Rinse cautiously with water for several minutes. Get immediate medical advice/attention.

**2.3 Other hazards which do not result in GHS classification:**

No data available.

**3. Composition/information on ingredients**
**Mixtures:**
**General information:**

Aqueous emulsion of Polyorganosiloxanes.

**Hazardous Component(s):**

Chemical name	Concentration*	Type	CAS number
Acetic acid, zinc(2+) salt, dihydrate	10 - <20%	Component	5970-45-6

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

**4. First-aid measures**
**General information:**

For further information refer to section 8 "Exposure-controls/personal protection".

**4.1 Description of first aid measures:**
**Inhalation:**

Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

**Skin Contact:**

Wash skin thoroughly with soap and water.

Get medical attention promptly if symptoms occur after washing.

**Eye contact:**

In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes. Continue flushing for several additional minutes. Open eyes wide apart. Get medical attention immediately, preferably an ophthalmologist.

**Ingestion:**

Do not induce vomiting. Rinse mouth thoroughly.

Get medical attention if symptoms occur.

**4.2 Most important symptoms and effects, both acute and delayed:**

None known.

**4.3 Indication of any immediate medical attention and special treatment needed:**
**Hazards:**

No specific recommendations.

**Notes to the physician:**

No specific recommendations.

## 5. Fire-fighting measures

### General Fire Hazards:

None (non-combustible).

### 5.1 Extinguishing media:

#### Suitable extinguishing media:

Use fire-extinguishing media appropriate for surrounding materials.

#### Unsuitable extinguishing media:

Not applicable

### 5.2 Special hazards arising from the substance or mixture:

Material will burn if water evaporates from emulsion, and it is heated above its flash point.

### 5.3 Advice for firefighters:

#### Special fire fighting procedures:

No specific fire fighting procedure given.

#### Special protective equipment for fire-fighters:

Firefighters should wear standard protective equipment and a positive pressure self-contained breathing apparatus (SCBA).

## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.

### 6.2 Environmental Precautions:

Do not allow to enter drains, sewers or watercourses.

### 6.3 Methods and material for containment and cleaning up:

Absorb with sand or other inert absorbent and place into containers.

### 6.4 Reference to other sections:

Caution: Contaminated surfaces may be slippery. For waste disposal, see section 13 of the SDS.

## 7. Handling and storage

### 7.1 Precautions for safe handling:

#### Precautions:

Use personal protective equipment as required. See Section 8 of the SDS for Personal Protective Equipment.

#### Hygiene measures:

Provide eyewash station and safety shower.

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 7.2 Conditions for safe storage, including any incompatibilities:

Do not allow material to freeze.

**7.3 Specific end use(s):**

No data available.

**8. Exposure controls/personal protection****8.1 Control Parameters:****Occupational Exposure Limits:**

None of the components have assigned exposure limits.

**8.2 Exposure controls:****Appropriate Engineering Controls:**

No specific recommendations.

**Individual protection measures, such as personal protective equipment:**

Provide sufficient ventilation during operations which cause vapor formation.

<b>Eye/face protection:</b>	Wear approved safety goggles.
<b>Hand Protection:</b>	Protective gloves are recommended.
<b>Skin and Body Protection:</b>	Wear suitable protective clothing.
<b>Respiratory Protection:</b>	If ventilation is insufficient, suitable respiratory protection must be provided.

**Environmental Controls:**

No data available.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties:****Appearance:**

<b>Physical state:</b>	Liquid
<b>Form:</b>	Mobile form
<b>Color:</b>	Slightly yellow
<b>Odor:</b>	Slight odor
<b>pH:</b>	Approximate 5 (20 °C)
<b>Melting point/freezing point:</b>	0 °C
<b>Boiling Point:</b>	100 °C
<b>Flash Point:</b>	> 212 °C Aqueous emulsion does not flash.

**Flammability:**

No data available.

**Flammability Limit - Upper (%):**

No data available.

**Flammability Limit - Lower (%):**

No data available.

**Vapor pressure:**

No data available.

**Relative vapor density:**

No data available.

**Evaporation Rate:**

No data available.

**Density:**

Approximate 1.10 kg/dm<sup>3</sup> (20 °C)

**Solubility(ies):****Solubility in Water:**

Soluble

**Solubility (other):**

No data available.

**Partition coefficient (n-octanol/water):**

No data available.

<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	< 100 mm <sup>2</sup> /s (20 °C)
<b>Particle characteristics:</b>	Not applicable.

## 9.2 Other information:

<b>Oxidizing properties:</b>	Not considered as oxidizing., According to the data on the components, (evaluation by structure-activity relationship)
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## 10. Stability and reactivity

### 10.1 Reactivity:

No data available.

### 10.2 Chemical Stability:

Stable

### 10.3 Possibility of hazardous reactions:

Will not occur.

### 10.4 Conditions to avoid:

Freezing.

### 10.5 Incompatible Materials:

Strong oxidizers, strong acids, and strong bases.

### 10.6 Hazardous Decomposition Products:

None known.

## 11. Toxicological information

### Information on likely routes of exposure:

**Inhalation:** No data available.

**Ingestion:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

### 11.1 Information on toxicological effects:

#### Acute toxicity:

##### **Oral:**

ATEmix : 5,475.86 mg/kg ; Not classified for acute toxicity based on available data.

##### **Dermal:**

Not classified for acute toxicity based on available data.

##### **Inhalation:**

Not classified for acute toxicity based on available data.

**Repeated dose toxicity:**

No data available.

**Skin Corrosion/Irritation:**

No data available.

**Serious Eye Damage/Eye Irritation:**

No data available.

**Respiratory or Skin Sensitization:**

No data available.

**Germ Cell Mutagenicity:**

**In vitro:** No data available.

**In vivo:** No data available.

**Carcinogenicity:**

No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogens present or none present in regulated quantities

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogens present or none present in regulated quantities

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogens present or none present in regulated quantities

**Reproductive toxicity:**

**Fertility:** No data available.

**Teratogenicity:** No data available.

**Specific Target Organ Toxicity - Single Exposure:**

No data available.

**Specific Target Organ Toxicity - Repeated Exposure:**

No data available.

**Aspiration Hazard:**

No data available.

## 12. Ecological information

### 12.1 Ecotoxicity:

**Acute toxicity:**

**Fish:** No data available.

**Aquatic Invertebrates:** No data available.

**Aquatic plants:** No data available.

**Toxicity to microorganisms:** No data available.

**Chronic Toxicity:**

**Fish:** No data available.

**Aquatic Invertebrates:** No data available.

**12.2 Persistence and Degradability:**

**Biodegradation:** No data available.

**BOD/COD Ratio:** No data available.

**12.3 Bioaccumulative potential:**

**Bioconcentration Factor (BCF):** No data available.

**Partition coefficient (n-octanol/water):** No data available.

**12.4 Mobility in soil:**

No data available.

**12.5 Other adverse effects:**

No data available.

## 13. Disposal considerations

**13.1 Waste treatment methods:**

**Disposal methods:**

Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:**

Contaminated packages should be as empty as possible.

## 14. Transport information

This material is not subject to transport regulations.

## 15. Regulatory information

**US Federal Regulations:**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**

Chemical Identity: Acetic acid, zinc(2+) salt, dihydrate

Reportable quantity: 1000 lbs

**Superfund Amendments and Reauthorization Act of 1986 (SARA):**

**Hazard categories:**

Serious eye damage or eye irritation

**SARA 304 Emergency Release Notification:**

Chemical Identity:                      Reportable quantity:

Acetic acid, zinc(2+) salt,  
dihydrate

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required:**

Chemical Identity:                      Reporting threshold for other                      Reporting threshold for  
users:    manufacturing and processing:

Acetic acid, zinc(2+) salt,  
dihydrate    10000 lbs

25000lbs

**US State Regulations:**

**US. California Proposition 65:** No ingredient requiring a warning under CA Prop 65.

**US. New Jersey Worker and Community Right-to-Know Act:**

Chemical Identity:  
Acetic acid, zinc(2+) salt, dihydrate

**US. Massachusetts RTK - Substance List:** No ingredient regulated by MA Right-to-Know Law present.

**US. Pennsylvania RTK - Hazardous Substances:**

Chemical Identity:  
Acetic acid, zinc(2+) salt, dihydrate

**US. Rhode Island RTK:** No ingredient regulated by RI Right-to-Know Law present.

**Inventory Status:**

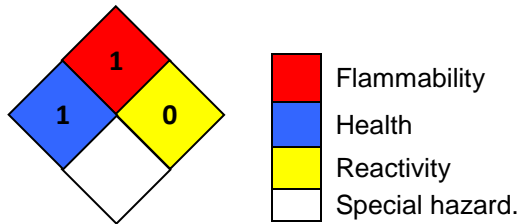
Canada DSL Inventory List:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
Vietnam National Chemical Inventory:	On or in compliance with the inventory.

**16. Other information, including date of preparation or last revision**
**HMIS Hazard ID:**

<b>Health</b>		3
<b>Flammability</b>		1
<b>Physical Hazards</b>		0
<b>PERSONAL PROTECTION</b>		<b>D</b>

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible; \*Chronic health effect  
Face shield, gloves and an apron



**NFPA Hazard ID:**

Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; RNP - Rating not possible

**Issue Date:** 04/28/2022

**Version #:** 1.1

**Further Information:**

No data available.

**Disclaimer:**

The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.