

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Substance

**Product Name:** Ekonol®

**Chemical Name:** Poly(oxy-1,4-phenylenecarbonyl)

**CAS-No.:** 26099-71-8

**Synonyms:** p-Oxybenzoyl homopolyester

### Intended Use of the Product

Filler/ Extender

### Name, Address, and Telephone of the Responsible Party

#### Supplier, Manufacturer

Saint-Gobain Ceramic Materials  
1 New Bond Street, P.O. Box 15137  
Worcester, MA 01615-0137  
Tel 1-800-243-0028

### Emergency Telephone Number

**Emergency Number** : ChemTel LLC

Domestic: 1-800-255-3924

International: +1-813-248-0585

Australia: 1-300-954-583

Brazil: 0-800-591-6042

China: 400-120-0751

India: 000-800-100-4086

Mexico: 800-099-0731

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS-US/CA Classification

Skin Irrit. 2 H315

Eye Irrit. 2 H319

Skin Sens. 1 H317

Full text of hazard classes and H-statements : see section 16

### Label Elements

#### GHS-US/CA Labeling

**Hazard Pictograms (GHS-US/CA)** :



**Signal Word (GHS-US/CA)** :

Warning

**Hazard Statements (GHS-US/CA)** :

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

**Precautionary Statements (GHS-US/CA)** :

P261 - Avoid breathing dust.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves, protective clothing, and eye 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.

P321 - Specific treatment (see section 4 on this SDS).

P333+P313 - If skin irritation or rash 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.  
 P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### Unknown Acute Toxicity (GHS-US/CA)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

| Name                            | Synonyms                   | Product Identifier   | %   | GHS Ingredient Classification                                   |
|---------------------------------|----------------------------|----------------------|-----|---|
| Poly(oxy-1,4-phenylenecarbonyl) | p-Oxybenzoyl homopolyester | (CAS-No.) 26099-71-8 | 100 | Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>Skin Sens. 1, H317 |

Full text of H-statements: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Brush off loose particles from skin. Wash immediately with plenty of soap and water. Obtain medical attention if irritation/rash develops or persists.

**Eye Contact:** Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Skin sensitization. Causes skin irritation. Causes serious eye irritation.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

**Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Skin sensitization.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide, foam, dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>).

## Reference to Other Sections

Refer to Section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid generating dust. Avoid breathing dust. Do not get in eyes, on skin, or on clothing.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## **SECTION 7: HANDLING AND STORAGE**

### Precautions for Safe Handling

**Precautions for Safe Handling:** Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid creating or spreading dust. Avoid breathing dust.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### Specific End Use(s)

Filler/Extender

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

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**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|  |   |
|--|---|
| Physical State                         | : Solid   |
| Appearance                             | : White powder  |
| Odor                                   | : Odorless  |
| Odor Threshold                         | : Not available   |
| pH                                     | : Not available   |
| Evaporation Rate                       | : Not available   |
| Melting Point                          | : 170.1 °C / 338.18 °F (OECD 102 - Phenyl 4-hydroxybenzoate)    |
| Freezing Point                         | : Not available   |
| Boiling Point                          | : 240.9 °C / 465.62 °F (OECD 102 - Phenyl 4-hydroxybenzoate)    |
| Flash Point                            | : Not available   |
| Auto-ignition Temperature              | : No ignition prior to melting point (Phenyl 4-hydroxybenzoate) |
| Decomposition Temperature              | : Not available   |
| Flammability (solid, gas)              | : Not available   |
| Lower Flammable Limit                  | : Not available   |
| Upper Flammable Limit                  | : Not available   |
| Vapor Pressure                         | : 0.001 Pa at 25 °C / 77 °F (QSAR - Phenyl 4-hydroxybenzoate))  |
| Relative Vapor Density at 20°C         | : Not available   |
| Relative Density                       | : 1.276 (OECD 109 - Phenyl 4-hydroxybenzoate)                   |
| Specific Gravity                       | : Not available   |
| Solubility                             | : Water: < 0.05 mg/l (OECD 105 - Phenyl 4-hydroxybenzoate)      |
| Partition Coefficient: N-Octanol/Water | : 3.21 log Pow (QSAR - Phenyl 4-hydroxybenzoate)                |
| Viscosity                              | : Not available   |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:** Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes skin irritation.

**Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis. May cause an allergic skin reaction.

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**Symptoms/Injuries After Eye Contact:** Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Skin sensitization.

### **Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data:** Not available

## **SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity** No additional information available

**Poly(oxy-1,4-phenylenecarbonyl) (26099-71-8)**

|                  |                        |
|------------------|------------------------|
| <b>LC50 Fish</b> | 3.3 mg/l (read across) |
|------------------|------------------------|

|                       |                      |
|-----------------------|----------------------|
| <b>EC50 Crustacea</b> | 4 mg/l (read across) |
|-----------------------|----------------------|

### **Persistence and Degradability**

**Ekonol® (26099-71-8)**

|                                      |                        |
|--------------------------------------|------------------------|
| <b>Persistence and Degradability</b> | Readily biodegradable. |
|--------------------------------------|------------------------|

### **Bioaccumulative Potential**

**Ekonol® (26099-71-8)**

|                                  |                  |
|----------------------------------|------------------|
| <b>Bioaccumulative Potential</b> | Not established. |
|----------------------------------|------------------|

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**In Accordance with DOT** Not regulated for transport

**In Accordance with IMDG** Not regulated for transport

**In Accordance with IATA** Not regulated for transport

**In Accordance with TDG** Not regulated for transport

## **SECTION 15: REGULATORY INFORMATION**

### **US Federal Regulations**

**Ekonol® (26099-71-8)**

|  |   |
|--|---|
| <b>SARA Section 311/312 Hazard Classes</b> | Health hazard - Respiratory or skin sensitization<br>Health hazard - Skin corrosion or Irritation<br>Health hazard - Serious eye damage or eye irritation |
|--|---|

### **US State Regulations**

Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed

### **Canadian Regulations**

This product or its components are not listed on the Canadian Domestic Substances List (DSL) or the Non-Domestic Substances List (NDSL), or are not required to be disclosed.

## **SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION**

**Date of Preparation or Latest Revision** : 10/05/2021

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

### **GHS Full Text Phrases:**

|               |  |
|---------------|--|
| Eye Irrit. 2  | Serious eye damage/eye irritation Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2         |

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|              |                                     |
|--------------|-------------------------------------|
| Skin Sens. 1 | Skin sensitization, Category 1      |
| H315         | Causes skin irritation              |
| H317         | May cause an allergic skin reaction |
| H319         | Causes serious eye irritation       |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS 2015 (Can, US)