



SAFETY DATA SHEET

**Product Name** Pre-loaded Wang PS Resin (LL)

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**SECTION 1: IDENTIFICATION**

**1.1 GHS Product identifier**

Product name Pre-loaded Wang PS (LL)

**1.2 Other means of identification**

Cas No. N/A  
Other names no data available

**1.3 Recommended use of the chemical and restrictions on use**

Identified uses For industry use only.  
Uses advised against no data available

**1.4 Supplier's details**

Company CEM Corporation  
3100 Smith Farm Rd  
Matthews, NC 28106

**1.5 Emergency phone number**

Emergency phone number 704-821-7015  
Service hours Monday to Friday, 8:30am-5pm (EST)

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**SECTION 2: HAZARD(S) IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Composition: Styrene/ divinylbenzene Copolymer

**2.2 GHS label elements, including precautionary statements**

no data available

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

none

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**Routes of Entry** - Inhalation: Small particles are dangerous if inhaled. There is the possibility that a small fraction of this material may be respirable. It is possible that small particles will remain in the lung. Exposure to large quantities of this material when dry may cause breathing difficulties. Medical conditions aggravated by exposure to small particles may include asthmatic conditions and breathing difficulties in general.

**Routes of Entry** - Skin and Eyes: It is believed possible that very small particles (5 µm or less) may pass through the skin and mucous membranes.

**Routes of Entry** - Ingestion: It is possible to ingest this material.

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## SECTION 4: FIRST-AID MEASURES

### 4.1 Description of necessary first-aid measures

**Inhalation:** Remove to fresh air and seek medical advice as to the effect of fine particulate matter in the lung.

**Skin and Eye Contact:** Wash with copious amounts of water for at least 15 minutes. Remove contaminated clothing. Wash contaminated clothing before re-use.

**Ingestion:** Wash mouth out with water and seek medical advice.

### 4.2 Most important symptoms/effects, acute and delayed

no data available

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

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## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder or appropriate form.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual Fire or Explosion Hazards: Emits toxic fumes under fire conditions.

### 5.2 Specific hazards arising from the chemical

no data available

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Collect material in a sealed container for disposal by an approved method. Ventilate area and wash spill site after material pickup is complete. Mix material with combustible solvent and incinerate in a suitable chemical incinerator equipped with after burner and scrubber.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal

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## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.

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



Store in a refrigerator. Store under 4° C.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical safety goggles. Compatible chemical resistant gloves. NIOSH/MSHA approved respirator.  
Mechanical exhaust (fume hood).

Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Keep tightly closed. Store in a cool, dry place.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odour:** White to off-white powder; slight odour.  
**Boiling point:** Does not boil.  
**Melting point:** Degrades before melting.  
**Miscibility in water:** Not miscible.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

no data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

### 10.3 Possibility of hazardous reactions

no data available

### 10.4 Conditions to avoid

no data available

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

Toxic fumes of monomer, hydrogen chloride, carbon dioxide and carbon monodioxide may be evolved.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

May be harmful by inhalation, ingestion or skin absorption. May cause eye irritation. May cause skin irritation

### Skin corrosion/irritation

no data available



**Serious eye damage/irritation**

no data available

**Respiratory or skin sensitization**

no data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

no data available

**Reproductive toxicity**

no data available

**STOT-single exposure**

no data available

**STOT-repeated exposure**

no data available

**Aspiration hazard**

no data available

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**SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)**

**12.1 Toxicity**

Toxicity to fish: no data available

Toxicity to daphnia and other aquatic invertebrates: no data available

Toxicity to algae: no data available

Toxicity to microorganisms: no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

No data available



### 12.5 Other adverse effects

no data available

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## SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)

Fine dusts may be explosive and should not be ignited. Methods of disposal should meet all local, federal and state laws.

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## SECTION 14: TRANSPORT INFORMATION (NON-MANDATORY)

### 14.1 UN Number

ADR/RID: no data available

IMDG: no data available

IATA: no data available

### 14.2 UN Proper Shipping Name

ADR/RID: unknown

IMDG: unknown

IATA: unknown

### 14.3 Transport hazard class(es)

ADR/RID: no data available

IMDG: no data available

IATA no data available

### 14.4 Packing group, if applicable

ADR/RID: no data available

IMDG: no data available

IATA: no data available

### 14.5 Environmental hazards

ADR/RID: no IMDG: no IATA: no

### 14.6 Special precautions for user

no data available

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

no data available

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## SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)

### 15.1 Safety, health and environmental regulations specific for the product in question

It is believed that no TLV or OEL has been quoted for this material. Exposure should be kept below 5 mg/m<sup>3</sup>. Caution must be used when handling this product not to inhale dust.

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## SECTION 16: OTHER INFORMATION



*Disclaimer: The above information is 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. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.*