

SAFETY DATA SHEET

Product Name Fmoc-AA-Wang-ProTide Resin

SECTION 1: IDENTIFICATION

1.1 GHS Product identifier

Product name Fmoc-AA-Wang-ProTide Resin

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)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1 Classification of the substance or mixture

Composition: Styrene/ divinylbenzene PEG Copolymer

2.2 GHS label elements, including precautionary statements

no data available

2.3 Other hazards which do not result in classification

None

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.



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

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.

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

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. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in a refrigerator. Store under 4° C.

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

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.

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.

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

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

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.

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

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/m³. Caution must be used when handling this product not to inhale dust.

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.