

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **AWA-C61 P**
- Product Use: Powdered Viscosity Modifying Underwater Placement Concrete Admixture
- Restrictions on Use: Intended for industrial and professional users
- CAS#: Mixture

Company Information

- RussTech, Inc.
11208 Decimal Drive
Louisville, KY 40299
502-267-7700
- Prepared by Department of Environmental, Health and Safety

Emergency number – (served 24 hours)

- CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

Label elements: This material requires a hazard warning label in accordance with GHS criteria

Pictogram: Not applicable

Signal Word: **WARNING**

Hazard statement(s):

May form combustible dust concentrations in air

Precautionary statement(s): Not applicable

Hazards not otherwise classified: Not applicable

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200

Components:		
Chemical Name:	CAS#:	Content
Amorphous Silicon Dioxide	7631-86-9	1 – 2%

AWA-C61 P

Safety Data Sheet

4. FIRST AID MEASURES

Inhalation: Move person away from exposure. If having difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration, and seek medical attention.

Eyes: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. If irritation persists, seek medical attention.

Skin: Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.

Ingestion: Contact physician or Poison Control Center (PCC) immediately. Do NOT induce vomiting unless instructed to do by physician or PCC.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire

Unsuitable extinguishing media: Water jet

Specific hazards in case of fire: This product will ignite when exposed to an ignition source while at a temperature at or above its flash point (>300°F / 149°C)

Special protective equipment required for firefighting: Wear self-contained breathing apparatus (SCBA)

Additional information for firefighters: Over exposure to products of combustion may result in respiratory irritation (fumes, smoke, oxides of carbon)

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

- Wear appropriate PPE as needed
- Keep unprotected persons away

Environmental precautions:

- Prevent material from entering drains, septic systems, water sources

Material containment and clean up:

- Vacuum up spilled material. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state, and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: No special handling required if material is used correctly

Information about protection against explosions and fires: This is not a flammable product, but dust cloud creation should be avoided during processing due to potential for combustible dust concentrations.

Information about safe storage: Keep containers tightly closed and protected from moisture and contamination. Keep away from heat, sparks, and open flames. Avoid storing in direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: Ventilate adequately to prevent dust cloud formation

Components with limit values that require monitoring at the workplace: None

PPE (personal protective equipment) and hygienic measures:

- Wear ANSI approved safety glasses or goggles to protect eyes
- Wear latex or rubber gloves to protect skin
- Wash hands thoroughly before breaks and at end of workday

AWA-C61 P
Safety Data Sheet

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Powder
- Color: Off white to tan
- Odor: None
- Odor Threshold: Not available

Physical properties:

- pH value (@70°F): Not available
- Specific gravity (@70°F): Not available
- Relative density: 13.82 lbs./cu ft. (bulk density, loose)
- Boiling point: Not available
- Freezing point/Melting point: Not available
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Evaporation rate: Not available
- Solubility in / Miscibility with water: 100%
- Partition Coefficient (n-octanol/water): Not available
- Auto ignition: Not available
- Flash point: >300°F / 149°F Method: ASTM D3278
- Lower / Upper Flammability Limits: Not available
- Viscosity: Not available
- Danger of explosion: Not available

10. STABILITY AND REACTIVITY

Material stability: Material is stable and not sensitive to mechanical impact

Possibility of hazardous reactions: None known

Incompatible materials to avoid: Strong oxidizing materials and alkali-based materials

Conditions to avoid: Dusting, extreme heat, open flame, and spark

Hazardous decomposition products: None expected during normal storage, handling, and use

11. TOXICOLOGICAL INFORMATION

Routes for exposure for solids and liquids are ingestion and inhalation but may include eye and skin contact.

Acute toxicity: This product has not been tested for toxicity. Data derived from individual components

- Dermal: may cause mild irritation, skin absorption not likely
- Eyes: may cause mechanical irritation to the eyes
- Inhalation: may cause mild respiratory irritation in unventilated areas
- Ingestion: non-toxic after a single ingestion

Chronic toxicity: This product has not been tested for toxicity. Based on the properties of the individual components, the classification criteria are not met.

- Repeated dose: based on available data, the classification criteria are not met
- Genetic: based on available data, the classification criteria are not met
- Carcinogenicity: based on available data, the classification criteria are not met

AWA-C61 P

Safety Data Sheet

- Reproductive: based on available data, the classification criteria are not met
- Teratogenicity: based on available data, the classification criteria are not met

Symptoms of Exposure: The most important known symptoms and effects are described in the labeling (see section 2).

12. ECOLOGICAL INFORMATION

Based on available data, potential for environmental toxicity is low; however, discharge to the environment should be avoided.

Ecotoxicity: product is unlikely harmful to aquatic life

Persistence and degradability: product expected to degrade in one month or less

Bioaccumulative potential: there is no evidence to suggest bioaccumulation will occur

Mobility in soil: accidental spillage may lead to penetration in the soil and groundwater, however; there is no evidence that this would cause adverse ecological effects

13. DISPOSAL CONSIDERATIONS

In its manufactured form this material or its residues are not considered a hazardous waste. Dispose of in accordance with local, state, and federal regulations. Surplus or contaminated product should be disposed of by a licensed disposal facility. Do not discharge product or residues into sewers, drains, surface waters or ground waters. Packaging should be emptied as much as possible and thoroughly cleaned before being reused or recycled.

14. TRANSPORT INFORMATION

Material is not regulated for transport

15. REGULATORY INFORMATION

- Sara 302 (extremely hazardous materials): not applicable
- Sara 311/312: Not applicable
- Sara 313: Not applicable
- TSCA: All components are listed or exempt
- California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

This information is based on our current knowledge and is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of RussTech's knowledge or is obtained from sources believed by RussTech to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. RussTech assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, RussTech assumes no responsibility for injuries caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.