

WeldShield 2090 FA-S

Material Safety Data Sheet

Aluminized Fiberglass

Section I – Product Identification

Aluminized Fiberglass

Part # HAG-18-60

Section II – Hazardous Ingredients

The above products are considered “articles” according to OSHA Hazard Communication Standard 29 CFR 1910.1200 and, as such, are exempt from the Material Safety Data Sheet provisions of 29 CFR 1910.1200 (G) (6). As a service to our customers, we have prepared this Material Safety Data Sheet to provide appropriate safety and handling information. These products are considered non-hazardous when used according to accepted practices for the intended use.

As Manufactured	Weight %	TLV/PEL
Continuous Fibrous Glass (CAS # 65997-17-3)	80-95%	Not Listed
Total Dust		ACGIH TLV : 10 mg/m ³ OSHA PEL : 15 mg/m ³
Respirable Dust		OSHA PEL : 5 mg/m ³

Silica based product consisting of silicon, calcium, aluminum and boron. Laminated with aluminum foil. Contains small amounts of organic binders.

Section III – Physical Data

Boiling Point	N/A	Specific Gravity Range (H₂O=1)	2.54
Melting Point	N/A	Percent Volatile by Volume	N/A
Vapor Pressure (mm Hg)	N/A	Evaporation Rate (butyl acetate=1)	N/A
Vapor Density	N/A	Solubility in Water	
Negligible			
Appearance and Odor	Fabric is tan or white on one side and aluminum on the other with no odor.		

Section IV – Fire and Explosion Data

Flash Point (method used)	>250 C by TOC
Flammable Limit	LEL-N/A UEL-N/A
Unusual Fire and Explosive Hazards	None
Special Fire Fighting Procedures	None
Extinguishing Media	Water, carbon dioxide, dry chemical

Section V – Health Hazard Data

Routes of Entry

Inhalation	No effects are known to be associated with the inhalation of vapors from this material.
Skin	Short contact with human skin is not likely to produce skin irritation. Repeated/prolonged contact can induce mild irritation. This product is not likely to be absorbed through human skin.
Eyes	May cause a physical irritation to the eye.
Carcinogenicity	This product is not known as a carcinogen.
Health Hazard (acute & chronic)	None known.
Signs and Symptoms of exposure	Redness and minor skin irritation. Raspy throat.

Emergency First Aid Procedures

Skin	Wash any material off skin with soap and cool water. If redness, itching or burning sensation develops, get medical attention.
Eyes	Flush with water for at least 15 minutes. If irritation develops, get medical attention.
Ingestion	If large quantities are swallowed treat symptomatically and get medical attention.

Section VI – Reactivity Data

Stability	Stable
Conditions to Avoid	None Known
Incompatibility	Strong oxidizing agents

Hazardous Decomposition or Byproducts In a sustained fire, the organic binders will decompose releasing minor quantities of decomposition products believed to be insufficient to be harmful. Hydrogen Chloride, Carbon Monoxide, Carbon Dioxide.

Hazardous Polymerization	Will not occur.
Conditions to Avoid	None known.

Section VIII – Spill or Leak Procedures

Steps to be taken in case Material is Released or Spilled

Material is a solid. Pick up big pieces and sweep up any scraps.

Waste Disposal Method

Burial in federal or state approved landfill. Discarded product is not a hazardous waste under RCRA 40 CFR 261.

Precautions to be taken in Handling and Storing

For maximum comfort, avoid excessive contact with skin and use good personal hygiene.

Other Precautions

If excessive dust is generated, use a respirator approved by MSHA or NIOSH for dust.

Section VIII – Control Measures

Respirator Protection	Wear a dust mask when cutting this material.
Ventilation	Local exhaust is not necessary. Use this product in a well-ventilated area.
Protective Gloves	Cotton gloves
Eye Protection	As generally good practice, safety glasses should be worn.
Other Protective Clothing or Equipment	Wear long sleeves to keep from irritating the skin.
Work Hygienic Practices	For maximum comfort avoid excessive contact with skin. Wash thoroughly with soap and water after handling of material.

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