

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard
Consulted for specific requirements

US Department of Labor

Occupational Safety and Health Administrations
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072 (Reproduced locally)

IDENTITY (As Used on Label and List)
or

Note: Blank spaces are not permitted. If any item is not applicable,

Arcoplast Solid Core Panel

information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name

Emergency Telephone Number

Arcoplast, Inc.

888-736-2726

Address (Number, Street, City, State and Zip code)

Telephone for information

1873 Williamstown Drive

888-736-2726

St. Peters, MO 63376

Date Prepared

December 19, 2012

USA

Signature of Preparer (optional)

SECTION II - Hazardous Ingredients/Information

Hazardous Components (Chem. Identity, Common Names(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (Optional)
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Arcoplast fiberglass reinforced polymer composite panels are manufactured and molded to form a solid panel composed of some or all of the following: fiberglass strand mat reinforcement, modified acrylic resin, pigments alumina trihydrate embedded in a cure styrenated or acylated thermoset matrix.

Threshold Limit Value (TLV): Fabricating, cutting, drilling, etc. of frp may produce dust, which should be controlled. Nuisance dust TWA (OSHA):

Respirable Fraction: 15 mppcf - 5 mg/m cubed

Total Dust: 50 mppcf - 15 mg/m cubed

Core: Solid glass/resin matrix

SECTION III - Physical/Chemicals Characteristics

Boiling Point

Specific Gravity (H2O = 1)

NA

1.2 - 1.8

Vapor Pressure (mm Hg)

Melting Point

NA

NA

Vapor Density

Evaporation Rate

NA

NA

Solubility in water

Insoluble

Appearance and Odor

Rigid sheet, No significant odor

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Material is classified as nonflammable			
Extinguishing Media			
Water, Carbon Dioxide, Dry chemical			
Special Fire Fighting Procedures			
Use media beat suited to fire environment. Use water to cool fire-exposed containers and to flush spills from ignition sources. Use self-contained breathing apparatus for large scale fire.			
Unusual Fire and Explosion Hazards As with all other building materials, combustion will yield toxic materials such as carbon monoxide (CO) and carbon dioxide (CO2), and may also			
yield aliphatic and aromatic hydrocarbons and halogenated compounds.			
(Reproduced Locally)			OSHA 174, Sept. 1985

SECTION V - Reactivity Data

Stability	Unstable	Conditions to Avoid
Stable		
Stable under normal conditions		
Incompatibility (Materials to Avoid)		
Avoid contact with alkali, strong mineral acid or other oxidizers.		
Hazardous Decomposition or Byproducts		
See information in Unusual Fire and Explosion Hazards above.		
Hazardous	May Occur	Conditions to Avoid
Polymerization		
Will not Occur		
Hazardous polymerization will not occur.		

SECTION VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
(Dust only)	Yes	(Contact only)	Yes
Health Hazards (Acute and Chronic)			
NA			
Carcinogenicity:	NPT?	LARC Monographs?	OSHA Regulated?
NA			

Signs and Symptoms of Exposure

Exposure to dust in excess of TVL may result in skin or upper respiratory tract irritation.

Medical Conditions

Generally Aggravated by Exposure: Pre-existing skin or respiratory disorders may cause more susceptibility to these effects.

Emergency and First Aid Procedure

Inhalation of Dust: Remove from source into fresh air. Ensure clear airway. Get medical help. Prolonged Skin Contact: Remove contaminated clothing. Wash skin with warm water and soap. Skin cream could be helpful. Eye Contact: Flush with running water for 15 minutes or more.

Ingestion of Dust: Do not induce vomiting. Get medical help.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

NA

Waste Disposal Method

Dispose of as solid waste in compliance with all applicable local, state, and federal regulations.

Precautions to be Taken in Handling and Storing

Store away from heat, open flame, other ignition sources and incompatible materials (see above).

Other Precautions

Do not eat or drink in fabrication areas.

SECTION VIII - Control Measures

Respiratory Protection (Specific Type)

Cover nose and mouth with mask approved by NIOSH/OSHA.

Ventilation

Local Exhaust

Special

Use adequate ventilation to control dust when machining, cutting, drilling, etc.

Mechanical

Other

Protective Gloves

Use protective gloves when machining, cutting, drilling, etc.

Other Protective Clothing or Equipment

Wear long pants and long sleeves when machining, cutting, drilling, etc.

Work/Hygenic Practices

Wash skin with soap and water after handling. Wash dusty work clothes separately.