



CORRITE™
STRUCTURAL FOAM

Safety Data Sheet

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name	Corrite Structural Foam
Product Identification	Rigid, Scored and Scrimmed Polyurethane Foam Panels
Use of Product	Core material used in sandwich construction
Manufacturer/Converter	I-Core Composites, LLC
Physical Location	802 23rd Street S.W., Cullman, AL 35055 - USA
Phone	(256) 739-6627
Fax	(256) 739-4334

2 HAZARDS IDENTIFICATION

General	This product is not hazardous according to EEC criteria.
Skin absorption	no hazard known for handling this material
Eye contact	in case penetration into the eye only mechanical annoyances are possible.
Inhalation	long term exposure may lead to unspecified bronco-pulmonary pathologies but there are no epidemiological evidences.
Environment	not harmful, very low biodegradability

3 COMPOSITION INFORMATION ON INGREDIENTS

Description	Rigid expanded polyurethane/polyisocyanurate foam based on polyether/polyester polyols and aromatic isocyanate.
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4 FIRST AID MEASURES

Clothes Contact:	N/A
Eye Contact:	Ask for medical assistance in case you need help to remove the foreign body.
Skin Contact:	N/A
Inhalation:	Remove to fresh air if effects occur. Consult physician in case of serious breathing difficulty.
Ingestion:	Consult a physician in case of large amounts swallowed.

5 FIRE HAZARD

Extinguishing Media	water fog, dry chemical, CO ₂ , foam, dust
Special firefighting Procedures	Direct an abundant water jet directly on the flame or on the burning surface Wet the surface to cool it and prevent it from fire starting.
Hazardous combustion products	Mainly Carbon oxides: NO ² and HCN
Special firefighting Equipment	Personal Respirators

6 ACCIDENTAL RELEASE MEASURES

Personal Protections	Unnecessary
Environment Procedure	Unnecessary
Clean Up Method	Recover mechanically and dispose of according to applicable regulations.

7 HANDLING AND STORAGE

Safe Handling	This product is combustible and may constitute a fire hazard if improperly used or installed. When installed this product should be adequately protected. Certain operations such as grinding or cutting may generate dust which could cause a dust explosion. Provide adequate ventilation and appropriate dust handling system. The whole dust collecting system must be protected from electrostatic energy accumulation, and provide adequate firefight facilities.
Storage	Exposed to intense sunlight over prolonged periods, the surface of the board degrades into fine dust. Do not expose to flame or other ignition sources.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection	Atmospheric levels should be maintained below the exposure guidelines. In dusty atmosphere use an approved dust respirator.
Hands protection	Not necessary. It is possible to wear suitable gloves for a mechanical protection.
Eye/Face protection	Eye protection should not be necessary. For fabrication operations safety glasses are recommended.



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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: rigid foam	Odor: None	Distribution coefficient (n-octanol/water): insoluble	Insoluble in: Water, sea water, acids, alkalis, aliphatic hydrocarbons
Density: 25 - 450 kg/m ³	Melting point: does not melt	Flash Point: > 300°C	Soluble in: Aromatic hydrocarbons, Ketones, chlorinated hydrocarbons
Color:	Heat Power: 6500 - 7500 Kcal/kg	Comburent property: none	Explosive properties: none

10 STABILITY AND REACTIVITY

General Information	avoid exposure to flames
Materials to avoid:	No materials are known to develop in contact with polyurethane products of relevant danger in relationship to the ones of the material itself.
Hazardous Decomposition Products	none at normal conditions; flammable and toxic gases may be generated starting from 300°C.

11 TOXICOLOGICAL INFORMATION

Skin contact	Considered to be physiological inert. No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
Inhalation	Exposure limit or dust for 8 continuous hours: 10 mg/m ³
Ingestion	no risk known for small quantities
Eye contact	Solid or dust may cause irritation or corneal injury due to mechanical action.

12 ECOLOGICAL INFORMATION

Mobility	N/A
Biodegradability	Biologically not degradable.
Bioaccumulation	N/A
Ecotoxicity	none

13 DISPOSAL CONSIDERATIONS

Product Disposal	May be disposed of at approved landfills or preferably by incineration under approved conditions. See local laws and regulations before proceeding to disposal.
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14 TRANSPORT INFORMATION

Transportation	Product is not classified for any kind of transportation regulation.
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15 REGULATORY INFORMATION

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communications Standard, 29 CFR 1910.1200
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16 OTHER INFORMATION

Last revision	May 5, 2015
by	I-Core Composites, Chris Gattiker

This Safety Data Sheet cancels and replaces any previous edition. The data in this safety data sheet describes the safety requirements of our product and may not be considered to guarantee any product properties. The data in this safety data sheet correspond to our current level of knowledge. We recommend the sharing of this information with other potential customers and final users. The information reported is based on available knowledge on safety precautions of the product at issue date. I-Core Composites, LLC does not accept responsibility for workers' behaviors that are non-conforming to the contents of this document. We have no knowledge of or control over the working conditions. The users are directly responsible for both their industrial hygiene and their waste disposal.