

PolyCore 2 SA Ceiling System		
Proper Name	Use within System	Name on General MSDS List
PolyCore 2 panel	Ceiling panel composite	Polycore 2
Fiberglass/Plastic Grid	Grid system	Grid
Low density sealfoam	Panel Gasket	PVC Gasket

SECTION 1 Product and Company Information

PRODUCT NAME: Plastic Grid GENERIC NAME: polyester/glass reinforced solid plastic DISTRIBUTOR: Life Science Products 124 Speer Road Chestertown, MD 21620	Chemtrec 24 Hour Emergency Number 1-800-424-9300 Information Number: 1-800-666-6216 CRM# CCN722733
Comments: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/ECC and Canadian Hazardous Products Act	

SECTION 2 Hazards Identification

Emergency Overview This product contains no hazardous ingredients as defined under the criteria of the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. Dust and other particulates generated during cutting, shaping or forming may cause eye, skin and respiratory tract irritation. This SDS contains information on the safe handling and proper use of the product. MSDS should be available for any person(s) in use of this product. Emergency Overview: Not expected to cause any adverse health effects when handled as recommended.	Potential Health Effects- during mechanical manipulation Eyes: Dusts and particulates may cause eye irritation Skin: Dusts and particulates may cause skin irritation Ingestion: Not likely a route of exposure under normal product usage Inhalation: Dusts and particulates may cause respiratory tract irritation		
Carcinogenicity: Not listed by NTP Not Listed by IARC Not Listed by OSHA	Not listed Reproductive Effects : Not Available Teratogenic Effects: No evidence of mutagenetic effects	Signs and Symptoms of Overexposure:	
GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS			
	Health	Environmental	Physical
Eye Irritant Skin Irritant, sensitizer Respiratory Irritant	None Known	Not Classified	Not Classified
Pictogram:			

SECTION 3 Composition / Information on Ingredients

Dionpolyester resin. Fully cured polyester/glass reinforced solid plastic

SECTION 4 First Aid Measures

Inhalation:	Remove person to fresh air. If other respiratory symptoms develop, or person is breathing irregular, seek medical attention immediately.
Skin Contact:	N/A
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes..
Ingestion:	N/A

SECTION 5 Fire Fighting Measures

Material Safety Data Sheet Plastic Grid

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FLAMMABILITY: NO FIRE HAZARDS ANTICIPATED.
 FLASH POINT: N/A
 AUTO IGNITION TEMP: NO DATA
 EXTINGUISHING MEDIA: NO FIRE HAZARD
 SPECIAL EXPOSURE: REMOVE ALL PERSONS FROM THE AREA OF INCIDENT. ISOLATE THE SCENE AND ONLY ALLOW SUITABLE PERSONAL TO TAKE ACTION.
 HAZARDOUS THERMAL: SPECIAL FIRE FIGHTING: USE MEDIA BEST SUITED FOR FIRE ENVIRONMENT.

SECTION 6 Accidental Release Measures

No special containment and clean up procedures required. No evacuation procedures required.

SECTION 7 Handling and Storage

Storage: No special storage requirements
 Handling: Avoid dust generation. See Section 8 for personal protection.

SECTION 8 Exposure Controls / Personal Protection

EXPOSURE GUIDELINES and Limits

PROTECTIVE CLOTHING: PROTECTIVE GLOVES
RESPIRATORY PROTECTION: USE APPROVED RESPIRATOR FOR FIBERGLASS DUST
 RESPIRATOR SHOULD BE CHOSEN BASED ON EXPOSURE LEVELS.
EYE PROTECTION: SAFETY GLASSES WITH SIDE SHIELDS ARE RECOMMENDED TO AVOID SPLASHES, MISTS OR DUSTS.
HYGIENE PROTECTION: AN EYE WASH STATION AND EMERGENCY SHOWER IN WORK AREA IS RECOMMENDED.
VENTILATIONS: VENTILATION IS NOT NORMALLY REQUIRED EXCEPT TO CONTROL DUST. DURING CUTTING, DRILLING, ETC, DUST TO BE CONTROLLED
 EATING AND DRINKING ARE NOT TO BE DONE IN THE AREA OF FABRICATING.

SECTION 9 Physical and Chemical Properties

Appearance	
Form	Rigid plastic
Color	varies
pH	N/A
Melting/Freezing Temperature	N/A
Boiling Point	N/A
Ignition Temperature	Not determined
Autoignition Temperature	Not applicable
Lower explosive limit; na	
Vapor Pressure	Not applicable
Vapor Density (air=1)	Not applicable
Specific Gravity (water=1 @39.2F)	N/A
Evaporation Rate (Bac=1)	N/P
Odor	None
Odor threshold	
Water Solubility	insoluble

SECTION 10 Stability and Reactivity

REACTIVITY: PRODUCT IS STABLE.
CONDITIONS TO AVOID: AVOID DUST GENERATION
INCOMPATIBLE MATERIALS:
 HAZARDOUS
POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.
 HAZARDOUS
DECOMPOSITION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

SECTION 11 Toxicological Information

United States: Acute Toxicity – Not Available
 Chronic Toxicity – Not Available
 Irritation/Corrosion – Not Available
 Sensitizer – Not Available
 Carcinogenicity – Not Available
 Mutagenicity – Not Available
 Teratogenicity – Not Available
 Reproductive Toxicity – Not Available

SECTION 12 Ecological Information

Biodegradability: Not determined
 Aquatic Ecotoxicity: Not Determined
 Specific ecotoxicological data is not available for this product.

SECTION 13 Disposal Considerations

Waste Disposal
 Disposal must comply with all Federal, State and Local regulations. See section 7 and 8 for handling and protection.

SECTION 14 Transport Information	
Not classified as hazardous for transport.	DOT Classification: Not Regulated TDG Classification: Not Regulated

SECTION 15 Regulatory Information

U.S. Federal Regulations:
 None Specified

SECTION 16 Other Information

Revised to be in compliance with new GHS regulations due by 12/1/2013.

DISCLAIMER: The above information is provided on the data available to us and believed to be true and accurate. The information contained herein is offered in good faith and no warranty, expressed or implied, are made regarding the accuracy of this data since conditions or use is beyond our control. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. LSP, Inc. assumes no responsibilities for the use of handling of this product.



ESSENTRA
SPECIALTY TAPES

Material Safety Data Sheet

Chemical emergency numbers USA 1-800-424-9300 (Chemtrec) Canada 613-996-6666 (Canutec)		Date issued: 01/2009
Manufacturer's phone number (708) 488-1025		

Section 1 - Product Identification & Company Information

Product name:	Polyvinyl Chloride (PVC)	Chemical formula	NA
Synonyms:	Low Density Sealfoam	Product identification number	NA
Manufacturer's name:	Essentra Specialty Tapes.		
Manufacturer's address	7400 W. Industrial Dr. Forest Park, IL 60130		

Section 2 - Composition / Information on Ingredients

Ingredients	% by Weight
Polyvinyl Chloride	NA
Acrylic Pressure Sensitive Adhesive	NA

Exempt

This product is considered to be an article according to 29 CFR, hazardous communication – 1910.1200(b)(6)(v).

OSHA regulatory status

While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of the product.

Section 3 - Hazard Identification

Hazard:	Material is not hazardous.
Physical state:	Solid.
Color:	According to the product color
Odor:	Negligible to no odor.

Potential health effects:

Signs and symptoms of acute exposure:	No known acute exposure effects.
Eye:	Solids or dust may cause irritation or scratch the surface of the eye.
Skin:	Not irritating. Heated foam can stick to skin, causing thermal burns.
Ingestion:	Ingestion not a likely route of exposure.
Inhalation:	Inhalation of fumes and vapors generated by heating foam may cause soreness or irritation in the nose and throat. Exposure to dust may cause irritation.
Chronic health effects:	No known chronic health effects.
Conditions aggravated by exposure:	No known conditions aggravated by exposure to this material.

Section 4 - Physical & Chemical Properties

Specific gravity: 0.06 – 0.6	Boiling point: NA
Vapor pressure: NA	Water solubility: Insoluble
Vapor density: (air=1) – NA	Boiling point: NA
Melting point: NA	Other: NA

Section 5 - Chemical Stability & Reactivity

Chemical stability:	The product is stable.
Decomposition products:	CO, CO2.

**SECTION 1 Product and Company Information****PRODUCT NAME:** Polycore 2 panel

Chemtrec

GENERIC NAME: Composite Panel of Fiberglass and polymetal

24 Hour Emergency Number 1-800-424-9300

Information Number: 1- 920-803-1700

DISTRIBUTOR: Life Science Products

124 Speer Road

Chestertown, MD 21620

Comments: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR1910.1200, 91/155/ECC and Canadian Hazardous Products Act

SECTION 2 Hazards Identification

Emergency Overview – No specific hazards anticipated from normal product handling. Dust and other particulates generated during cutting, shaping, or forming may cause eye, skin and respiratory tract irritation.

Potential Health Effects: Eyes

Dusts and particulates may cause eye irritation.

Potential Health Effects: Skin

Dusts and particulates may cause skin irritation.

Potential Health Effects: Ingestion

Not a likely route of exposure under normal product use conditions.

Potential Health Effects: Inhalation

Dusts and particulates may cause respiratory tract irritation.

HMIS Ratings: Health: 1 Fire: 0 HMIS Reactivity 0**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS**

Health	Environmental	Physical

Pictogram:

Hazard Statements	Precautionary Statements

SECTION 3 Composition / Information on Ingredients

Chemical Name	CAS	Wt%
Aluminum	7429-90-5	
Polyethylene	9002-88-4	
Magnesium	7439-95-4	
Coatings	NA	
Manganese	7439-96-5	
Silicon	7440-21-3	
Iron	7439-89-6	
Chromium	7440-47-3	
Fiberglass panel	N/A	

SECTION 4 First Aid Measures**First Aid: Eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Eye injuries from glass particles should be treated by a physician immediately.

First Aid: Skin

For skin contact flush with large amounts of water. If irritation persists, get medical attention.

First Aid: Ingestion

If the material is swallowed, get immediate medical attention or advice -- Do not induce vomiting.

First Aid: Inhalation

Move person to non-contaminated air. If the affected person is not breathing, apply artificial respiration.



SECTION 5 Fire Fighting Measures

General Fire Hazards

See Section 9 for Flammability Properties.
None anticipated.

Hazardous Combustion Products

Not Determined

Extinguishing Media

Use appropriate extinguishing media suitable for surrounding fire.

Fire Fighting Equipment/Instructions

Firefighters should wear full protective gear.

NFPA Ratings: Health: 1 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 6 Accidental Release Measures

Containment Procedures

None necessary.

Clean-Up Procedures

No special cleanup procedures needed.

Evacuation Procedures

None

Special Procedures

None

SECTION 7 Handling and Storage

Precautions for Safe Handling

Avoid dust generation.

Conditions for Safe Storage

No special storage needed

SECTION 8 Exposure Controls / Personal Protection

Hazardous Component	ACGIH	OSHA	NIOSH	Other
Aluminum	1mg/m3	15 mg/m3	10 mg/m3	TWA
Manganese	.2mg/m3	1mg/m3 3mg.m3 5mg/m3	1mg/m3	TWA STEL Ceiling
Silicon		10mg/m3	10mg/me	TWA
Chromium	.5 mg/m3	1mg/m3	.5mg/m3	TWA

EXPOSURE GUIDELINES

Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Controls

Ventilation is not normally required.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Wear dust goggles.

Personal Protective Equipment: Skin

None necessary.

Personal Protective Equipment: Respiratory

Not normally needed.

Personal Protective Equipment: General

None

SECTION 9 Physical and Chemical Properties

Appearance	
Form	Solid
Color	Multicolored
pH	Not available

Material Safety Data Sheet	Polycore 2 panels
Effective Date: 08/09/2005	Previous Revision date: 00/00/0000
Date Printed: 10/19/2015	

Melting/Freezing Temperature	ND
Boiling Point	ND
Flash Point	ND
Ignition Temperature	Not available
Autoignition Temperature	ND
Lower explosive limit; na	
Vapor Pressure	ND
Vapor Density (air=1)	ND
Specific Gravity (water=1 @39.2F)	ND
Evaporation Rate (Bac=1)	ND
Odor	None
Odor threshold	Not available

<p>SECTION 10 Stability and Reactivity</p> <p>Chemical Stability Stable</p> <p>Possibility of Hazardous Reactions Hazardous polymerization does not occur.</p> <p>Conditions to Avoid Avoid dust generation</p> <p>Materials to Avoid ND</p> <p>Hazardous Decomposition Products ND</p>

<p>SECTION 11 Toxicological Information</p> <p>Acute Toxicity - No information available for this product</p> <p>Carcinogenicity- General Product Information No information available for the product.</p> <p>B: Component Carcinogenicity</p> <p>Aluminum (7429-90-5) ACGIH: A4 - Not Classifiable as a Human Carcinogen</p> <p>Polyethylene (9002-88-4) IARC: Supplement 7 [1987]; Monograph 19 [1979] (Group 3 (not classifiable))</p> <p>Chromium (7440-47-3)</p>	<p>Component Analysis - LD50/LC50</p> <p>Polyethylene (9002-88-4) Inhalation LC50 Mouse 12 g/m3 30 min</p> <p>Magnesium (7439-95-4) Oral LD50 Rat 230 mg/kg</p> <p>Manganese (7439-96-5) Oral LD50 Rat 9 g/kg</p> <p>Iron (7439-89-6) Oral LD50 Rat 984 mg/kg</p> <p>Silicon (7440-21-3) Oral LD50 Rat 3160 mg/kg</p>
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<p>SECTION 12 Ecological Information</p> <p>General Product Information No information available for the product.</p> <p>B: Component Analysis - Ecotoxicity - Aquatic Toxicity</p> <p>Iron (7439-89-6)</p> <p>US EPA Waste Number & Descriptions</p> <p>Component Waste Numbers</p> <p>Chromium (7440-47-3) RCRA: 5.0 mg/L regulatory level</p>



Material Safety Data Sheet Polycore 2 panels

Effective Date: 08/09/2005

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SECTION 13 Disposal Considerations

Waste Disposal

No EPA waste Numbers are applicable for this products components

Dispose of waste material according to Local, State, federal and Provincial Environmental regulations. See Sections 7 & 8

SECTION 14 Transport Information

US DOT Information

Shipping Name: Not Regulated

TDG Information

Shipping Name: Not Regulated

SECTION 15 Regulatory Information

Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Aluminum (7429-90-5)

SARA 313: 1.0 % de minimis concentration (dust or fume only)

Manganese (7439-96-5)

SARA 313: 1.0 % de minimis concentration

SECTION 16 Other Information

Some of the information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information in this SDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable. This SDS has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200).

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or results to be obtained from the use thereof. LSP Performance Products assumes no responsibility for personal injury or property damage to vendors, such vendors or users assume all risks

associated with the use of the material.

Incompatibility with:	NA		
Section 6 - Toxicological Information			
Acute oral effects:	None known		
Skin effects:	None known		
Reproductive / development effects:	None known		
Section 7 – Ecological Information			
Environmental fate:	Unknown		
Bioaccumulation:	Unknown		
Section 8 - Fire Fighting Measures			
Flammability classification:	Not classified		
Flash point / method	Not applicable		
Auto-ignition temperature:	NA		
Flammable limits:	Lower: Not Applicable Upper: Not Applicable		
Extinguishing media:	ABC, CO2, water.		
Protective equipment clothing:	Recommended NIOSH / MSHA approved self-contained breathing apparatus and full protective clothing be worn.		
Section 9 - Exposure Controls & Personal Protection			
Engineering controls:	Ventilate storage and use areas to prevent accumulation of dust and fumes.		
Personal protection:	Recommended light to medium duty cloth, gloves or glasses.		
Section 10 - Transportation Information			
Proper shipping name:	Polyvinyl Chloride (PVC).		
Dot hazard class:	Not regulated		
UN / NA id:	Not regulated	Marine pollutant:	Unknown
Packing group:	NA	Near guidebook:	Not regulated
Labels:	Not regulated	Dot status:	Not regulated
Section 11 - Accidental Spills Measures			
Spills response:	NA		
Section 12 - Storage & Handling			
Storage:	No special precautions need to be taken.		
Handling:	NA		
Section 13 - Disposal Considerations			
Use only licensed transporters and permitted facilities for waste disposal. Recycle whenever possible.			
Section 14 - First Aid Measures			
Eye:	Flush particles from eyes with clean flowing water or eye wash solution for several minutes. Seek medical attention if discomfort persists.		
Skin:	If rash or irritation develops, wash with soap and water. If rash or irritation persists, consult a doctor.		
Ingestion:	If ingested, seek medical attention.		
Inhalation	If affected move affected person to fresh air. Obtain medical attention if breathing difficulty persists.		

Section 15 - Regulatory Information

No additional regulatory information.

Section 16 – Other Information

Disclaimer of responsibility:

The information on this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions and methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this MSDS information may not be applicable.