

**SECTION 1 Product and Company Information**

<b>PRODUCT NAME:</b> Polycore Panels <b>GENERIC NAME:</b> Polymer panels and Fiberglass Reinforced 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**

<b>Emergency Overview</b> <b>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.</b>  Emergency Overview: Not expected to cause any adverse health effects when handled as recommended.	<b>Potential Health Effects</b> Fabricating. Cutting. Drilling etc may cause dust. 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  Pre-existing conditions or respiratory disorders may cause more susceptibility to these effects.		
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		
<b>GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS</b>			
	<b>Health</b>	<b>Environmental</b>	<b>Physical</b>
Eye Irritant Skin Irritant Respiratory Irritant	None Known	Not Classified	Not Classified
Pictogram:			

**SECTION 3 Composition / Information on Ingredients**

Not considered a hazardous material or controlled substance. TLV and PEL not established. Once extruded, stable solid material that is non-hazardous when handled or processed in accordance with good manufacturing practices and industrial hygiene practices.

CAS	Component
25087-34-7	1-Butene, polymer with ethene
25213-02-9	1-Hexene, polymer with ethene
N/A	Solid sheets composed of glass, calcium carbonate, titanium dioxide, alumina and pigment embedded in a cured polymerized styrenated/acrylated polyester

**SECTION 4 First Aid Measures**

<b>Inhalation:</b>	Avoid inhalation if dust is generated. Remove person to fresh air. If other respiratory symptoms develop, or person is breathing irregular, seek medical attention immediately.
<b>Skin Contact:</b>	Flush with large amounts of water, If irritation persists, get medical attention
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. Eye injuries from glass particles should be treated by a physician immediately.
<b>Ingestion:</b>	If ingested, get immediate medical attention or advice. Do not induce vomiting.

**SECTION 5 Fire Fighting Measures**

FLAMMABILITY: NO FIRE HAZARDS ANTICIPATED.  
 FLASH POINT: >343C (CLOSED CUP)  
 AUTO IGNITION TEMP: TYPICALLY 650 F OR HIGHER  
 EXTINGUISHING MEDIA: DRY CHEMICAL, CO<sub>2</sub>, WATER SPRAY  
 SPECIAL EXPOSURE: REMOVE ALL PERSONS FROM THE AREA OF INCIDENT. ISOLATE THE SCENE AND ONLY ALLOW SUITABLE PERSONAL TO TAKE ACTION.  
 HAZARDOUS THERMAL: COMBUSTION MAY YIELD CO, CO<sub>2</sub>, ALPHAIC, KETONES, ALDEHYDES, AROMATIC HYDROCARBONS AND HALOGENATED COMPOUNDS.  
 SPECIAL FIRE FIGHTING: USE MEDIA BEST SUITED FOR FIRE ENVIRONMENT. USE SELF CONTAINED BREATHING APPARATUS AND MEDIA BEST SUITED TO FIRE ENVIRONMENT, .STATIC DISCHARGE COULD BE AN IGNITION SOURCE FOR A COMBUSTIBLE CONCENTRATION OF DUST.

**SECTION 6 Accidental Release Measures**

Vacuum or sweep up material and dispose of properly. No special containment and clean up procedures required. No evacuation procedures required.

**SECTION 7 Handling and Storage**

Storage: Store in cool, dry area away from heat, sparks and open flame.  
 Handling: Avoid dust generation. See Section 8 for personal protection.

**SECTION 8 Exposure Controls / Personal Protection**

EXPOSURE GUIDELINES and Limits

PROTECTIVE CLOTHING: NONE SPECIFIED  
 RESPIRATORY PROTECTION: IF DUST IS GENERATED, USE NIOSH/MSA APPROVED RESPIRATOR SUCH AS 3M 8710  
 EYE PROTECTION: GOGGLES ARE RECOMMENDED TO AVOID SPLASHES, MISTS OR DUSTS.  
 HYGIENE PROTECTION: WASH SKIN WITH SOAP AND WATER AFTER HANDLING. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE ANY CONTAMINATED CLOTHING AND CLOTHING SHOULD BE WASHED BEFORE REUSING.  
 VENTILATIONS: VENTILATION IS NOT NORMALLY REQUIRED EXCEPT TO CONTROL DUST. DURING CUTTING, DRILLING, ETC, DUST TO BE CONTROLLED AND KEPT PARTICULATE NOT TO EXCEED 30M PPCF  
 EATING AND DRINKING ARE NOT TO BE DONE IN THE AREA OF FABRICATING.

**SECTION 9 Physical and Chemical Properties**

Appearance	
Form	solid
Color	varies
pH	N/A
Melting/Freezing Temperature	>248 F (120C)
Boiling Point	N/A
Ignition Temperature	Higher than 451 F
Autoignition Temperature	390 C
Melting Point	110-135 C
Vapor Pressure	1.5-1.7 (core)
Vapor Density (air=1)	Not applicable
Specific Gravity (water=1 @39.2F)	1.2-1.8 (core)
Evaporation Rate (Bac=1)	N/P
Odor	Slight waxy
Percent Volitie	Not applicable
Water Solubility	insoluble

**SECTION 10 Stability and Reactivity**

**REACTIVITY:**            **PRODUCT IS STABLE.**  
**CONDITIONS TO AVOID:**            **AVOID DUST GENERATION**  
**INCOMPATIBLE MATERIALS:**            **MAY REACT WITH STRONG OXIDIZING AGENTS.**  
**HAZARDOUS**  
**POLYMERIZATION:**            **WILL NOT OCCUR UNDER NORMAL CONDITIONS.**  
**CHEMICAL STABILITY:**    **IF HEATED TO MORE THAN 300C, THE PRODUCT MAY FORM VAPORS OR FUMES WHICH COULD CAUSE IRRITATION OF THE RESPIRATORY TRACT, COUGHING AND SHORTNESS OF BREATH. TO AVOID FIRE OR EXPLOSION, DISSIPATE STATIC ELECTRICITY DURING TRANSFER BY GROUNDING AND BONDING CONTAINERS AND EQUIPMENT BEFORE TRANSFERRING MATERIAL**  
**DECOMPOSITION:**            **WILL NOT OCCUR UNDER NORMAL CONDITIONS. AT ELEVATED TEMPERATURES, MATERIAL WILL BEGIN TO DECOMPOSE, PRODUCING FUMES . FUMES AND FIRE MAY PRODUCE Co2, Co, ALPHAIC AND AROMATIC COMPOUNDS, HALOGENATED COMPONENTS**

**SECTION 11 Toxicological Information**

United States:      Acute Toxicity – Not Available Chronic Toxicity – Not Available Irritation/Corrosion – Not Available Sensitizer – Not Available Carcinogenicity – Not Available	Carcinogenicity – Not Available Mutagenicity – Not Available Teratogenicity – Not Available Reproductive Toxicity – Not Available
COMPONENT ANALYSIS LD50/LC 50 1-Butene,polymer with ethane Oral LD 50 Rat 4 g/kg	COMPONENT CARCINOGENICITY None of the products components are listed by ACGIH, IARC, OSHA, NIOSH or NTP

**SECTION 12 Ecological Information**

**GENERAL**  
Biodegradability:                      Not determined                      Aquatic Ecotoxicity: Not Determined  
Specific ecotoxicological data is not available for this product.  
COMPONENT ANALYSIS- Not available for this product

**SECTION 13 Disposal Considerations**

**Waste Disposal**  
Not judged to be hazardous  
Disposal must comply with all Federal, State and Local regulations. See section 7 and 8 for handling and protection.

**SECTION 14 Transport Information**

<b>Not classified as hazardous for transport.</b>	<b>DOT Classification: Not Regulated</b> <b>TDG Classification: Not Regulated</b>
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**SECTION 15 Regulatory Information**

U.S. Federal Regulations:  
Component Analysis None of the products components are listed under SARA section 302, SARA section 313, or CERCLA  
State Regulations Not listed on state limits from CA, MA, MN,NJ, or RI  
WHMIS IDL – no components listed  
Additional Regulatory Information

**Component Analysis – Inventory**

CAS	Component	TSCA	CAN	EEC
25087-34-7	1-Butene, polymer with ethane	Yes	DSL	No
25213-02-9	1-Hexene, polymer with ethane	Yes	DSL	No



**SECTION 16 Other Information**

HMIS Rating – Health 1, Fire 0, Reactivity 1 Revised to be in compliance with new GHS regulations due by 12/1/2013.

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