

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

GridLock® Fiberglass Ceiling Suspension System

Description

GridLock Ceiling Suspension system is an aggregate of components made of polymer and/or fiberglass composite that form a rigid suspension grid system. The system is composed of main runners and cross members (2 and 4 feet long) in an inverted (T) tee configuration that are secured in place at their intersection with a series of locking clips. The locking intersections are generally centered at 2' x 2' or 2' x 4' but can be customized to accommodate occasional odd sizes. The grid can be fitted with a gasket to allow for a seal to appropriate panels and such panels can be locked in place from below; allowing for easy access to the interstitial space. The Gridlock installation is ideal for use in facilities where cleaning and disinfecting are critical. The surfaces are dense, stain resistant, chemical resistant and impervious to water. The system will not rust or deteriorate from continued exposure to water and chemicals.

GridLock Suspended Ceiling System is used in food service, animal holding rooms, utility corridors and clean room applications.

Properties:

Fire Rating: Class 1 ASTM E 84 (actual test flame spread of 5 and smoke developed of 65)

Beam Strength: 3-point bend test; failure @ 110 pounds in middle of 4' span.

Tensile Strength: Pull apart with riveted splice clips 670 pounds force with 5 degree deflection.

Compressive Strength: Main Runner Junction with Riveted splice clip; 3400 pounds
Cross tee junction; 1000 pounds

Deflection: ASTM C 635: .0133" for 9.1 pounds per linear foot

Pull Out Test: 0.15" hole, 0.58 from top of web, 45 degree angle pull; 350 pounds
0.125" hole, 0.875" from top of web, 45 degree angle pull; 580 pounds

Color: White

Finish: Flat

Cleaning: GridLock ceilings can withstand daily surface washing, wet wiping, dusting and vacuuming. When used in conjunction with GridLock Gasket and lockdown systems it can withstand high-pressure washing. The resin finish will not support the growth of bacteria or mold.

Components:

- 1) 12' polyester/fiberglass main runners
- 2) 2' and 4' cross tees made of polyester/fiberglass
- 3) 8' polyester/fiberglass wall angle
- 4) PVC clips including splice clips to connect main runners, cross tee clips to secure the configuration of cross tees to the main runner and wall clips to secure the main runner and tee assembly to the wall angle which locks the system in place.

Product Offering: The GridLock Suspended System is offered in two configurations; Selected Access (SA) and Drop In (DI). Each of these configurations is offered in either 2' x 2' or 2' x 4'. For the DI configuration panels are simply dropped into the grid space provided. In the SA design all grid openings are gasketed and 90% of the panels are installed with lock down clips from above while 10% are installed with accessible clips from below. In the A system all panels are accessible from below.

Installation: Prior to installation the area in consideration should be at operating conditions for temperature and relative humidity for at least 24 hours prior to and during installation to ensure proper fit and seal. Installation can be completed as Seismic rated.

GridLock® Polymer Core Ceiling Panel

Description

GridLock Polymer Core Ceiling panels are designed for use in facilities where cleaning and disinfecting are critical. The panels are finished in a square edge detail and seat above the fiberglass grid system. The panel interior is a polyester/polymer composite and will not absorb water. The exterior is .050 fiberglass encased in polyester resin and final coated with polyester gel coat mounted to the polyester/polymer composite on both the front and back. The final surface is dense, stain resistant, chemical resistant and impervious to water. The panel is non-generating for particulate matter and as such is ideal for the clean room environment.

GridLock Polymer Core Panels have the following characteristics:

Finish:

Fire Rating: Class 1 ASTM E 84 for flame spread of 25 or less

Light Reflectance: LR-1, 0.75 or greater

Minimum Weight: 1.6 lbs. per square foot

Finish: Polyester gel coat

Standard Sizes: 2'x 2' or 2'x 4' (hard lid: 4' x 8' or 4' x 10')

Panel thickness: 8 mm

Color: White

Finish: Flat

Core:

Hardness: ASTM D-785 40-80

IZOD Impact: ASTM D-256 7.0 ft-lbs/inch

Flexural Stiffness: ASTM D-747 132,000 psi

Torsion Stiffness: ASTM D-1043 140,000 psi

Elongation: ASTM D-638 960%

Tensile Strength: ASTM D-638 4450 psi

Cleaning: GridLock Polymer Panels can withstand daily surface washing, wet wiping, dusting and vacuuming. When used in conjunction with GridLock Gasket Grid and lockdown systems it can withstand high-pressure washing. The resinous finish will not support the growth of bacteria or mold.

Demounting: All ceiling panels can be removed from the ceiling grid by simply removing lock down clips. Selected access panels can be removed easily from below the ceiling to allow access to the interstitial space above using the GridLock clips.

Product Offering: Panels are incorporated into the GridLock System in three forms; Total Access (A), Selected Access (SA) and Drop In (DI). Panels can be cut to custom sizing if required.

Sound Absorption: N/A

Installation: Prior to installation the area in consideration should be at operating conditions for temperature and relative humidity for at least 24 hours prior to and during installation to ensure proper fit and seal.

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

Effective Date: 01/01/2015

Previous Revision date: 00/00/0000

Date Printed: 3/19/2015

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
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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.

SECTION 1 Product and Company Information

PRODUCT NAME: Polycore Panels	Chemtrec
GENERIC NAME: Polymer panels and Fiberglass Reinforced Plastic	24 Hour Emergency Number 1-800-424-9300
	Information Number: 1-800-666-6216
DISTRIBUTOR: Life Science Products	CRM# CCN722733
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

<p>Emergency Overview</p> <p>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.</p> <p>Emergency Overview: Not expected to cause any adverse health effects when handled as recommended.</p>	<p>Potential Health Effects</p> <p>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</p> <p>Pre-existing conditions or respiratory disorders may cause more susceptibility to these effects.</p>										
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Carcinogenicity: Not listed by NTP Not Listed by IARC Not Listed by OSHA</td> <td style="width:70%;"> Not listed Reproductive Effects : Not Available Teratogenic Effects: No evidence of mutagenetic effects </td> </tr> </table>	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	<p>Signs and Symptoms of Overexposure: Irritation of nose, throat and respiratory tract.</p>								
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										
GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;"></th> <th style="width:25%;">Health</th> <th style="width:25%;">Environmental</th> <th style="width:25%;">Physical</th> </tr> </thead> <tbody> <tr> <td>Eye Irritant</td> <td rowspan="3" style="text-align: center;">None Known</td> <td rowspan="3" style="text-align: center;">Not Classified</td> <td rowspan="3" style="text-align: center;">Not Classified</td> </tr> <tr> <td>Skin Irritant</td> </tr> <tr> <td>Respiratory Irritant</td> </tr> </tbody> </table>			Health	Environmental	Physical	Eye Irritant	None Known	Not Classified	Not Classified	Skin Irritant	Respiratory Irritant
	Health	Environmental	Physical								
Eye Irritant	None Known	Not Classified	Not Classified								
Skin Irritant											
Respiratory Irritant											
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

Inhalation:	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.
Skin Contact:	Flush with large amounts of water, If irritation persists, get medical attention
Eye Contact:	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.
Ingestion:	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, CO2, 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, CO2, 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

Not classified as hazardous for transport.	DOT Classification: Not Regulated TDG Classification: Not Regulated
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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.

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.

The information contained herein is based 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 user thereof. LSP Performance Resins assumes no responsibility for personal injury or property damage to vendees, such vendees or users assume all risks associated with the use of the material.

LSP PERFORMANCE RESINS
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FAX 410.778.3625

Chestertown, MD 21620
web www.lspinc.com



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.

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.