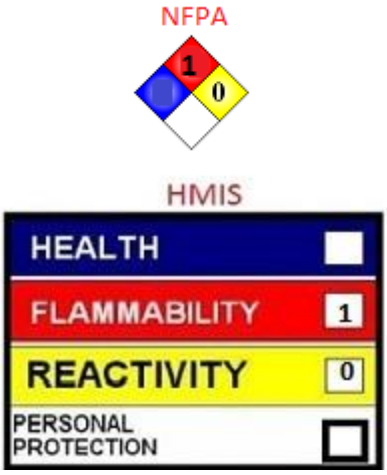
SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: Volterra Foam Cast Decorative Pieces (HDF)
Product Code: All polyurethane HDF products
SDS Manufacturer Number: All polyurethane HDF codes
Product Use/Restriction: Expanded Foam Shapes
Manufacturer Name: Volterra Architectural Products
Address: 1902 N 22nd Avenue

Phoenix, AZ 85009
General Phone Number: (602) 272-7373
Emergency Phone Number: (800) 424-9300

SDS Creation Date: May 25, 2015
SDS Revision Date: May 25, 2015
(M)SDS Format:



SECTION 2: HAZARD(S) IDENTIFICATION

GHS Pictograms:	None Required
Signal Word:	None Required
GHS Class Physical Hazards	None
Health Hazards	None
Environmental Hazards:	None
Hazard Statements:	None
Precautionary Statements:	Wash hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
Emergency Overview:	n/a

Route of Exposure:	Inhalation/Eye Contact
Product Emergency Overview:	n/a
Route of Exposure:	Eyes. Skin.
Potential Health Effects:	Eye: May cause eye irritation when dust is generated or through direct contact. Skin: Prolonged contact may cause mild irritation and itching. Inhalation: Mechanical irritation of respiratory tract may occur if dust is inhaled. Ingestion: Ingestion may cause temporary irritation of the digestive tract. If symptoms develop consult a physician.
Target Organs:	Eyes. Skin. Respiratory system. Digestive system.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	INGREDIENT PERCENT	EC NUM.
Polyurethane Foam	9009-54-5	100%	

Polyurethane foam is a fully cross-linked reaction product of the following two materials, polyether polyol, polymeric 4,4 diisocyanate, and possibly includes catalysts, surfactants, pigment and water. In addition, may contain fire retardants and germicides. Polyurethane foam product is a polymeric material consisting of repeating units of carbon, hydrogen, oxygen and nitrogen

SECTION 4: FIRST AID MEASURES

Eye Contact:	Flush with warm running water for 15 min. Do not rub. If irritation persists, consult a physician.
Skin Contact:	Wash with mild soap and running water. Use a washcloth to help remove particles. If irritation persists, consult a physician.
Inhalation:	Polyurethane foam dust may cause irritation to the mouth, nose and throat. Remove the person to fresh air.
Ingestion:	Unlikely entry route. If ingested, do not induce vomiting. Drink copious amounts of water. Consult a physician and seek medical attention
Other First Aid:	No special instructions assistance.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	Not Determined Setaflash (ASTM D-3243, D-3278, D-3828)
Auto Ignition Temperature:	>500°F – DIN 51794
Lower Flammable/Explosive Limit:	Not Determined
Upper Flammable/Explosive Limit:	Not Determined
Fire Fighting Instructions:	When urethane foam burns, water, carbon dioxide, nitrogen oxides and carbon monoxides are released. Avoid exposure to smoke inhalation as nitrogen oxides are toxic. If fire is not extinguishable with a fire extinguisher, evacuate immediately and contact the fire department. The material as provided to the customer, is not a readily flammable. Unless ignited by another source. This is a combustible solid.
Extinguishing Media:	If urethane foam is ignited, use A, B, or C extinguishers
Protective Equipment:	Firefighters should wear appropriate protective equipment including NIOSH approved respirators. As with any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill or Leak:	Materials (cuttings or chopped pieces) should be swept up as conventional trash. As always, please dispose accordingly to local, state, and federal regulations. Wash away any remaining material with water.

SECTION 7: HANDLING AND STORAGE

Handling:	Wear appropriate PPE. Gloves are recommended
Storage:	32°F (0°C) /100°F (38°C)
Shelf Life:	Indefinitely if kept out of sunlight, dry and at 77°F (25°C)
Work Practices:	Handle in accordance with good industrial hygiene and safety practices.
Special Handling Procedures:	Wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

Engineering Controls:	During cutting or chopping activities, use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the procedures for selection, training, inspection and maintenance of the personal protective equipment.
Eye/Face Protection:	Wear safety glasses, to minimize eye contact during cutting operations.
Skin Protection Description:	Wear protective cotton gloves and clothing to protect against nuisance dusts, and sharp edges.
Hand Protection Description:	Cotton gloves are recommended.
Respiratory Protection:	Not required under normal use. When dust levels are generated as a result of cutting or chopping, use a NIOSH approved respirator or dust mask to protect against nuisance dusts.
Ventilation:	Mechanical ventilation recommended for process machinery where dust generation is expected
PPE Pictograms:	
Exposure Guidelines:	Avoid generating dusts and if PEL is exceeded, Use PPE, barrier creams and suitable clothing to avoid nuisance dusts

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Low Density Foam	Physical State:	Solid
Boiling Point:	N/A	Solubility in Water:	Completely Insoluble
Evaporation Rate:	N/A	Specific Gravity:	0.3 – 0.65 g/cc
Freezing Point:	N/A	Vapor Density:	Not established (Air = 1)
Melting Point:	350°F - 375°F	Vapor Pressure:	N/A
Molecular Weight:	N/A	Viscosity:	N/A
Odor:	Minimal Amine Odor	% Volatile:	Non-volatile
pH:	N/A	Static Charge	Can Build Static Charge

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Very stable under recommended handling and storage conditions. Coagulation may occur if allowed to freeze or boil.
Hazardous Polymerization:	Hazardous polymerization does not occur.
Incompatible Materials:	Strong bases, strong acids, hydrofluoric acid, high temperatures.
Special Decomposition Products:	Carbon Monoxide, acetaldehyde, acrylonitrile, TDI, polymer fragments, oxides of nitrogen and hydrogen cyanide. Fire retardant foams may generate emissions of hydrogen chloride, hydrogen bromide, hydrogen fluoride or phosphoric acid.

SECTION 11: TOXICOLOGICAL INFORMATION

Eye:	Not Established
Skin:	Not Established
Ingestion:	Not Established
Inhalation:	Not Established
Subchromic:q	No established long term data.
Sensitization:	Not Established
Teratology:	Not Established
Reproduction:	Not Established
Mutagenicity:	Not Established
Chronic / Carcinogenicity:	No chronic or carcinogenic hazard

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	This product is not associated with or expected to cause any harm to fish, plants or animals.
Environmental Fate:	No environmental information found for this product.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of as dry waste. Always dispose of waste in accordance to local, state, federal and provincial regulations

SECTION 14: TRANSPORT INFORMATION

US DOT	Not Regulated

SECTION 15: REGULATORY INFORMATION

USA Regulations

TSCA:	All components of this product are listed on, or are exempt from the TSCA inventory
SARA 311/312:	None Reportable
SARA 313:	None Reportable
State Right-to-Know:	To the best of our knowledge, this product contains no chemical known to the state of California to cause cancer, birth defects, or other reproductive harm. (California health and safety code section 25249.6)
Massachusetts Substance List:	Hazardous substances and extraordinarily hazardous substance on the MSL must be identified when present in products. To the best of our knowledge, this product contains no substances at a level which could require reporting under the statute.

SECTION 16: ADDITIONAL INFORMATION

HMIS Health Hazard:	0
HMIS Fire Hazard:	1
HMIS Reactivity:	0
HMIS Personal Protection:	
SDS Creation Date:	May 25, 2015
SDS Revision Date:	May 25, 2015
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