

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Article

**Product Name:** Flat and Coilable Fiberglass Reinforced Plastic (FRP) Panels

**Form #:** 904971

**Chemical description:** Fiberglass Reinforced Plastic (frp)

**Product Code:** AFL, AFS, ANXT, ACP, ARM, ARMI, ARMR, ARMT, ARMX, AXS, ARMXB, AXSG, CAU, CGI, CGPF, CNSI, C25S, C25T, DSC, DUR, D4UA, D4UC, D4UCN, EARM, EAIS, EATR, EGAT, ERMI, ETR, FMMS, FPAUS, FRCW, FRCWN, FRFRJ, FRI, FR\*, FSAC, FSAUS, FFSM, FSI, FSQF, FTBB, FTSTF, FTSTJ, FX, FXE, FXR, G4, G4P, G4PLS, G4PRS, G4P2C, HGR, IPCN, IPSA, IPSC, LBALN, LBCLN, LFP, LHS, LIC, LNAM, LNMCL, LPC, LPCE, LTR, LTR-SP, MAX, MED, MXGCI, PCAN, PCI, PIF, PSIF, PWI, PWIP, RBMC, RBMC2, RBMCL, RBMC2L, RBP, RBP2, RCHW, RDMC, RDMC2, RE, REF, REI, RE \*, RGD, RGD2, RISC, RTMC, RVPR, RVPRJ, RVSR, SCAN, SCRY, SDUR, SLPCE, SMXGJ, SMXGCI, SSF, SSTA, SSTC, STA, STAS, STC, STCS, STCW, STCWW, STDSC, STI, TI, TIB, TPCN, TRF, TRW, XLR, \*\*\*CTA, \*\*\*CTN, \*\*\*DL, \*\*\*GP, \*\*\*SS, \*\*\*ST

**Synonyms:** Armortuf \* Kemlite \* Glasbord \* Sequentia \* Sequentia Corrugated \* Engineered Solutions \* Filon \* Kemlite \* DESIGNS \* Varietex

### Intended Use of the Product

VALTO, Inc. is a leading manufacturer of fiberglass reinforced plastic (FRP) panels widely used throughout the building products, recreational vehicle, and transportation industries. Within the Building Products market, VALTO manufactures interior wall and ceiling panels used across applications where sanitary, durable, and easy to clean finishes are required.

Additionally, our panels are used as corrugated Daylighting and Opaque Panels for residential, commercial and industrial applications. Within the Recreational Vehicle market, VALTO manufactures gel-coated and non-gel coated interior and exterior panels for use as sidewalls and roof panels on recreational vehicles. Within the Transportation market, VALTO manufactures interior liners, translucent and refrigerated roofs, scuff plate, aerodynamic side skirts, exterior sidewalls, and exterior tank cladding used in trailers, truck bodies, containers, railcars, and commercial vehicles where light-weight, durable, corrosion resistant, high strength-to-weight ratio solutions are demanded.

### Name, Address, and Telephone of the Responsible Party

#### Company

VALTO, Inc.  
23525 W. Eames Street  
Channahon, IL 60410-3220 US  
T 1.815.467.8600

#### Emergency Telephone Number

**Emergency Number** : CHEMTREC 1.800.424.9300

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS-US classification

Within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200]: this mixture is not considered a hazard when used in a manner which is consistent with the labeled directions. This mixture is considered an article in its final form.

#### Label Elements

No labeling required

#### Other Hazards

Fabricating, cutting, drilling, etc. of frp may produce dust, which may irritate the eyes, skin and respiratory system.

**Unknown Acute Toxicity (GHS-US)** Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Panels are solid sheets composed of a mixture of polyester resin, inorganic fillers, pigments, processing additives, and fiberglass reinforcement. During the manufacturing process, this mixture is cured or hardened into a stable, solid material that is non-hazardous when handled or processed in accordance with good manufacturing and industrial hygiene practices.

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### SECTION 4: FIRST AID MEASURES

#### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Not expected to present a significant hazard under anticipated conditions of normal use. Dust particles generated during processing may cause irritation of the skin, eyes, and respiratory tract.

**Inhalation:** Dust from this product may cause irritation to the respiratory tract.

**Skin Contact:** Prolonged contact with large amounts of dust may cause mechanical irritation.

**Eye Contact:** Eye contact with dust may cause mechanical irritation.

**Ingestion:** Not expected to be a primary route of exposure.

**Chronic Symptoms:** This product contains polymers which bind the hazardous components and make inhalation unlikely. If fine dust should be produced, chronic inhalation may cause: reduced lung function, and inflammation.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Product is not flammable. Small chips, turnings, dust and fines from processing may produce a class ST-1 combustible dust.

**Explosion Hazard:** Product itself is not explosive but if dust is generated, dust clouds suspended in air can be explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

#### Reference to Other Sections

Refer to section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid breathing dust.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

**Environmental Precautions** Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely.

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### Reference to Other Sections

See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion. Keep dust levels to a minimum and follow applicable regulations.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Specific End Use(s)** VALTO, Inc. is a leading manufacturer of fiberglass reinforced plastic (FRP) panels widely used throughout the building products, recreational vehicle, and transportation industries. Within the Building Products market, VALTO manufactures interior wall and ceiling panels used across applications where sanitary, durable, and easy to clean finishes are required. Additionally, our panels are used as corrugated Daylighting and Opaque Panels for residential, commercial and industrial applications. Within the Recreational Vehicle market, VALTO manufactures gel-coated and non-gel coated interior and exterior panels for use as sidewalls and roof panels on recreational vehicles. Within the Transportation market, VALTO manufactures interior liners, translucent and refrigerated roofs, scuff plate, aerodynamic side skirts, exterior sidewalls, and exterior tank cladding used in trailers, truck bodies, containers, railcars, and commercial vehicles where light-weight, durable, corrosion resistant, high strength-to-weight ratio solutions are demanded.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

| Particulates not otherwise classified (PNOC) |                                     |                                                                                                                                                                                                                                    |
|----------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USA ACGIH                                    | ACGIH TWA (mg/m <sup>3</sup> )      | 3 mg/m <sup>3</sup> (respirable fraction)<br>10 mg/m <sup>3</sup> (total dust)                                                                                                                                                     |
| USA OSHA                                     | OSHA PEL (TWA) (mg/m <sup>3</sup> ) | 5 mg/m <sup>3</sup> (respirable fraction)<br>15 mg/m <sup>3</sup> (total dust)                                                                                                                                                     |
| Alberta                                      | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (total)<br>3 mg/m <sup>3</sup> (respirable)                                                                                                                                                                   |
| British Columbia                             | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (total dust)<br>3 mg/m <sup>3</sup> (respirable fraction)                                                                                                                                                     |
| Manitoba                                     | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (inhalable particles, recommended)<br>3 mg/m <sup>3</sup> (respirable particles, recommended)                                                                                                                 |
| New Brunswick                                | OEL TWA (mg/m <sup>3</sup> )        | 3 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)<br>10 mg/m <sup>3</sup> (particulate matter containing no Asbestos and <1% Crystalline silica, inhalable fraction) |
| Newfoundland & Labrador                      | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (inhalable particles, recommended)<br>3 mg/m <sup>3</sup> (respirable particles, recommended)                                                                                                                 |
| Nova Scotia                                  | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (inhalable particles, recommended)<br>3 mg/m <sup>3</sup> (respirable particles, recommended)                                                                                                                 |
| Nunavut                                      | OEL TWA (mg/m <sup>3</sup> )        | 5 mg/m <sup>3</sup> (respirable mass)<br>10 mg/m <sup>3</sup> (total mass)                                                                                                                                                         |
| Northwest Territories                        | OEL STEL (mg/m <sup>3</sup> )       | 20 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction)<br>6 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)                                                                                     |
| Northwest Territories                        | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction)<br>3 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction)                                                                                     |
| Ontario                                      | OEL TWA (mg/m <sup>3</sup> )        | 10 mg/m <sup>3</sup> (inhalable)                                                                                                                                                                                                   |

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|                      |                               |                                                                                                                                                |
|----------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
|                      |                               | 3 mg/m <sup>3</sup> (respirable)                                                                                                               |
| Prince Edward Island | OEL TWA (mg/m <sup>3</sup> )  | 10 mg/m <sup>3</sup> (inhalable particles, recommended)<br>3 mg/m <sup>3</sup> (respirable particles, recommended)                             |
| Québec               | VEMP (mg/m <sup>3</sup> )     | 10 mg/m <sup>3</sup> (including dust, inert or nuisance particulates-total dust)                                                               |
| Saskatchewan         | OEL STEL (mg/m <sup>3</sup> ) | 20 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction)<br>6 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction) |
| Saskatchewan         | OEL TWA (mg/m <sup>3</sup> )  | 10 mg/m <sup>3</sup> (insoluble or poorly soluble-inhalable fraction)<br>3 mg/m <sup>3</sup> (insoluble or poorly soluble-respirable fraction) |

### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed. Avoid high dust concentration. Prevent dust accumulation (to minimize explosion hazard).

**Personal Protective Equipment:** Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

**Materials for Protective Clothing:** Wear suitable protective clothing.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** In case of excessive dust production, safety goggles are recommended.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|                                                   |                                                                           |
|---------------------------------------------------|---------------------------------------------------------------------------|
| Physical State                                    | : Solid                                                                   |
| Appearance                                        | : Rigid sheet                                                             |
| Odor                                              | : Odorless                                                                |
| Odor Threshold                                    | : Not available                                                           |
| pH                                                | : Not available                                                           |
| Evaporation Rate                                  | : Not available                                                           |
| Melting Point                                     | : Not available                                                           |
| Freezing Point                                    | : Not available                                                           |
| Boiling Point                                     | : Not available                                                           |
| Flash Point                                       | : Not available                                                           |
| Auto-ignition Temperature                         | : Not available                                                           |
| Decomposition Temperature                         | : Not available                                                           |
| Flammability (solid, gas)                         | : Not available                                                           |
| Lower Flammable Limit                             | : Not available                                                           |
| Upper Flammable Limit                             | : Not available                                                           |
| Vapor Pressure                                    | : Not available                                                           |
| Relative Vapor Density at 20 °C                   | : Not available                                                           |
| Specific Gravity                                  | : 1.2 - 1.8                                                               |
| Solubility                                        | : Insoluble in water                                                      |
| Partition Coefficient: N-Octanol/Water            | : Not available                                                           |
| Viscosity                                         | : Not available                                                           |
| Explosion Data – Sensitivity to Mechanical Impact | : Not expected to present an explosion hazard due to mechanical impact.   |
| Explosion Data – Sensitivity to Static Discharge  | : Static discharge could act as an ignition source where dust is present. |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Generation of airborne dust. Excessive dust accumulation.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**Hazardous Decomposition Products:** None known.

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### SECTION 11: TOXICOLOGICAL INFORMATION

#### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Dust from this product may cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Eye Contact:** Eye contact with dust may cause mechanical irritation.

**Symptoms/Injuries After Ingestion:** Not expected to be a primary route of exposure.

**Chronic Symptoms:** This product contains polymers which bind the hazardous components and make inhalation unlikely. If fine dust should be produced, chronic inhalation may cause: reduced lung function, and inflammation.

#### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:** Not available

### SECTION 12: ECOLOGICAL INFORMATION

#### Toxicity

**Ecology - General:** Not classified.

**Persistence and Degradability** Not established

**Bioaccumulative Potential** Not established

**Mobility in Soil** Not available

#### Other Adverse Effects

**Other Information:** Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

### SECTION 14: TRANSPORT INFORMATION

**In Accordance with DOT** Not regulated for transport **In**

**Accordance with IMDG** Not regulated for transport **In**

**Accordance with IATA** Not regulated for transport **In**

**Accordance with TDG** Not regulated for transport

### SECTION 15: REGULATORY INFORMATION

**US Federal Regulations** Neither this product nor its chemical components appear on any US federal lists.

#### US State Regulations

| Flat and Coilable Fiberglass Reinforced Plastic (FRP) Panels |                    |                                                                                            |
|--------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------|
| California                                                   | California Prop 65 | Warning: This product contains a chemical know to the State of California to cause cancer. |

#### Canadian Regulations

| Flat and Coilable Fiberglass Reinforced Plastic (FRP) Panels |                                                                                                                                                                                  |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WHMIS Classification                                         | This is not a controlled product under WHMIS. This product meets the definition of a “manufactured article” and is not subject to the regulations of the Hazardous Products Act. |

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

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### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 10/07/2015

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

#### Party Responsible for the Preparation of This Document

VALTO, Inc

T 1.815.467.8600

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS