

SECTION 1: IDENTIFICATION

PRODUCT NAME: Flat and coilable fiberglass reinforced plastic panels backed with Polyolefin adhesive foam backing.

CHEMICAL DESCRIPTION: Self adhesive FRP composite panels backed with polyolefin adhesive foam.

PRODUCT CODES: 04010C19SM16,04010C23EM16,04010C23EM24

SECTION 2: PRODUCT DESCRIPTION

HYGIBREAK is a combination of Crane Glasbord® FRP panel coated with Surfaseal® film backed with Thermobreak® physically crosslinked insulation to make a unique cladding self adhesive direct fix panel.

Surface 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.

SECTION 3: HAZARD IDENTIFICATION

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.

OTHER HAZARDS:

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

SECTION 4: 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.

SECTION 4: FIRST AID MEASURES

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 URGENT 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.

IN CASE OF FIRE:

If smoke gases are inhaled, which contains mainly Carbon dioxide and Carbon Monoxide, fresh air and possible artificial respiration (seek medical attention immediately) are the recommended measures.

If the body is burned through contact with molten material, cool burned parts with water but do not remove the skin. If skin burn degree 2 or 3 is reached, seek medical attention immediately.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media:

Fire extinguishing mediums are:

- Dry Chemical
- Water Spray (DO NOT USE HEAVY WATER STREAM)
- Extinguishing foam
- CO2 extinguisher

SECTION 5: FIRE FIGHTING MEASURES

Fire Hazard: 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. Use respirator/ oxygen masks in enclosed areas. Avoid dense smoke and do not inhale the smoke gases from combustion. Use safety glasses and protect skin/body with protective clothing.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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. Provide adequate distance between stacks as a safety precaution. Store inside with adequate ventilation. Do not expose to any source of flame, ignition or heat and incompatible materials. Incompatible Materials: Strong acids, strong bases, strong oxidizers.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

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).

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 to minimize skin exposure.

Respiratory Protection: When sawing/ cutting Hygibreak, wear a dust mask of minimum rating P1 to protect from any air-borne glass fibres cut from the foil reinforcement layer.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Rigid sheet backed with semi rigid physically crosslinked polyolefin foam web.

Odour: Odourless

Softening range: Not available

Autoflamability: Not available

Thermal decomposition: Not available

solubility in water: Insoluble.

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. Any temperature over 160-180 C.

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

Hazardous Decomposition Products: None known.

SECTION 11: TOXICOLOGICAL INFORMATION

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. Foam backing contains flame retardant additives based on organic compounds which may irritate the skin of sensitive persons.

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.

SECTION 12: ECOLOGICAL INFORMATION

Ecology - General: Not classified.

Persistence and Degradability Not established

Bioaccumulative Potential Not established

Mobility in Soil Not available

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: TRANSPORTATION INFORMATION

No restrictions and non-hazardous material in relation to transportation regulations.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations No additional information available.

US State Regulations

California - Proposition 65 Warning: This product contains a chemical known to the State of California to cause cancer.

Canadian Regulations

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.

Acute Toxicity: Not classified

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.

SECTION 16: OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state which it is delivered. It is intended to describe the product from the point of view of safety requirements and is not intended to guarantee any particular properties.