June 2015

MATERIAL SAFETY DATA SHEET

INDUSTRIES 3R

IDENTITY

Part Number: **G5-G9**
Identity: Melamine Glass
Description: Thermoset Laminates

SUPPLIER

Industries 3R inc.
55, route 116 Ouest
Danville (Québec) J0A 1A0
Tel: 819-839-2793
Fax: 819-839-2797

COMPOSITION/ INFORMATION ON INGREDIENTS

No hazardous ingredients at reportable levels are found in this product.
A non-flammable sheet material. Dust when machined or punched may cause serious skin or eye irritation. Fumes if decomposed, may irritate eyes, nose, and throat.

POTENTIAL HEALTH HAZARDS

Skin: Dust may cause moderate skin irritation
Eyes: Dust may cause moderate eye irritations. Fumes may irritate eyes
Inhalation: Fibrous glass dust could be released from the fiberglass cloth substrate when machined. The TVL per ACGIH for fibrous glass is 10 mg/m^3. TWA for particles<5 microns in diameter.
Ingestion: Dot determined
Carcinogen: Formaldehyde is designated a carcinogen on the following lists: NTP/IARC/OSHA
Delayed Effects: Our product is reinforced with continuous filament fiberglass. Dust generated frm the cutting, grinding, machining, etc., would not be expected to product respirable particles. IARC considers continuous glass filaments as unclassifiable or probably non-carcinogenic.

PHYSICAL & CHEMICAL PROPERTIES

Solid, flat sheet material – natural in color. Possible slight phenolic odor. Specific Gravity, 1.8

FIRST AID MEASURES;

Skin: Wash dust off in flowing water or shower. Change contaminated clothing.
Eyes: Irrigation with flowing water for 15 minutes. If irritation persists, consult a physician.
Inhalation: If overcome by dust or smoke, remove to fresh air. If not breathing, give mouth-to-mouth resuscitation. Call physician.
Ingestion: If large amounts are ingested, consult physician.
Advice to Physician: Treat symptomatically.

FIRE FIGHTING

May give off toxic gases of formaldehyde ammonia and/or oxides of nitrogren, CO, CO_2, when burning or when heated to decomposition. Firemen should wear proper protective equipment and positive pressure self-contained breathing apparatus. Use water, CO_2 and dry chemical to fight fire.

EXPOSURE CONTROLS

Engineering Controls: Use local exhaust ventilation to control dust.

STABILITY AND REACTIVITY DATA

Stability: Stable.
Incompatibility: Not determined.
Hazardous Decomposition Products: CO, CO_2, Methanol, and Formaldehyde if heated in excess of 300 deg. C.

HANDLING AND STORAGE

The primary exposure route is inhalation of dust when machined/punched or from fumes or vapors when heated.

ACCIDENTAL RELEASE MEASURES

N/A – material is an article.

PERSONAL PROTECTIVE EQUIPMENT

Skin protection: For brief contact to dust, no precautions other than clean body-covering clothing should be needed. Use gloves and aprons when prolonged or frequently repeated contact occurs.
Eye protection: Use appropriate eye protection when machining material.
Respiratory Protection: Atmosphere levels of paper fiber dust should be maintained below exposure guidelines. When respiratory protection is required for certain operations, use a NIOSH-approved dust respirator.

EXPOSURE GUIDELINES

Ingredients Name	**CAS#**	**CGIH TLV**	**OSHA PEL**
Fibrous Glass Dust	65997-17-3	10 mg/m^3 Total Dust	
(*Glass dust if machined of punched)			
Formaldehyde	50-00-0	0.3 PPM	0.75 PPM

TOXICOLOGICAL/ ECOLOGICAL AND DISPOSAL INFORMATION

May cause moderate eye, skin and throat irritation.

Delayed (Subchronic & Chronic) Effects: NTP has determined that respirable size glasswool may be reasonably anticipated to be a carcinogen. IARC has also classified glasswool as a possible carcinogen. Our product is reinforced with continuous filament fiber glass. Dust generated from the cutting, grinding, machining, etc., would not be expected to produce respirable particles. IARC considers continuous glass filaments as unclassifiable or probably non carcinogenic.

Other data: The toxicity of the combustion products was evaluated in a similar product with 95% confidence limits, the LC50 was calculated (Probit Analysis) to be 40.4 (32.2-69.9) mg/L. The LC50 of the standard reference material, Douglas fir, is 27.1 mg/L.

Not biodegradable. Not considered a RCRA hazardous waste if discarded. Disposal must be made in accordance with all applicable Local, State and Federal regulations. The information offered here is for the product as shipped. Use and/or alterations to the product such as mixing with other materials may significantly change the characteristics of the material and alter the RCRA classification and the proper disposal method.

REGULATORY/ TRANSPORT INFORMATION

Not regulated by the US DOT. The resin system components used to make this material are on the TSCA inventory list.

DISCLAIMER

The information, details, dimensions and values indicated are to our best knowledge. We recommend testing according to local conditions. The specifications are subject to change without notice.