MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT IDENTIFICATION: **Guardwrap®**

MANUFACTURER: GUARDIAN BUILDING PRODUCTS DISTRIBUTION CANADA, INC.
ADDRESS: 979 BATESVILLE ROAD
GREER, SC, USA, 29651

LAST REVIEWED: December 2009

SECTION I: COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

No hazardous ingredients.
Polypropylene
Polyethylene
Embedded Calcium Carbonate
This product also contains Rutile Titanium Dioxide (Pigment White 6), which is a WHMIS controlled ingredient. Please see Section 15, Regulatory Information.

SECTION II: HAZARDS IDENTIFICATION

OVERVIEW: No toxicity data are available on this specific formulation; this health hazard assessment is based on information that is available for its components. All ingredients are bound in a polymer matrix and the potential for exposure as shipped is minimal. If the product is used as intended, it does not constitute any risk to public health or the environment.

POTENTIAL HEALTH EFFECTS:
Primary Routes of Exposure: Inhalation, Ingestion, Skin contact
Acute Exposure
Inhalation: Inhalation exposure unlikely due to form. Single exposure to dust not likely to be hazardous. Like other inert materials, dust can be mechanically irritating.
Ingestion: Single dose oral toxicity is considered to be extremely low. Not likely to be ingested in present form.
Skin: Essentially non-irritating to skin. Skin absorption unlikely due to physical form.
Eyes: Like other inert particles, dust may be mechanically irritating to the eyes.
Chronic Exposure: Refer to Section 11 for Toxicological Information
Medical Conditions Aggravated by Exposure: None Known

SECTION III: FIRST AID MEASURES

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Treat as a nuisance dust if fine dust particles are generated during cutting operations.
Ingestion: In the unlikely event that the film is ingested, do not induce vomiting without medical advice.
Skin: For skin contact with molten material, cool with water. For thermal burns, remove clothing, any jewelry, and gross debris from the burned area. Leave blisters intact. Cover the wounded area with gauze dressing moistened with water. Get medical attention.
Eyes: Rinse immediately with plenty of water. If eye irritation persists seek medical attention.

SECTION IV: FIRE FIGHTING MEASURES

Flash Point: > 300°C (572°F)
Autoignition Temperature: N/A
Flammability Limits: N/A
Suitable extinguishing media: CO_2, foam, dry chemical, or water spray
Special Fire Fighting procedures: Cool with water spray, remove heat source. Wear positive pressure, self-contained breathing apparatus when fighting a fire in any closed space.
Unusual Fire/ Explosion Hazards: Dense smoke may be emitted when burned without sufficient oxygen. Fine dust particles from slitting could pose an explosion or flash fire hazard.

SECTION V: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protective equipment for the task.
Environmental Precautions: Should not be released into the environment.
Clean Up Methods: Clean up promptly by sweeping or vacuum. Refer to Section 13 for proper disposal methods.

SECTION VI: HANDLING AND STORAGE

Handling: Use safe lifting techniques. No other special handling measures are required.
Storage: Store away from immediate and dangerous sources of ignition.

SECTION VII: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Not necessary under conditions of normal use.
Respiratory Protection: None necessary under conditions of normal use. Protect workers from dust during grinding or cutting operations.
Skin Protection: Use protective gloves when handling hot plastic.
Eye Protection: Safety Glasses
Exposure Limit(s): N/A

SECTION VIII: PHYSICAL AND CHEMICAL PROPERTIES

Form/Appearance: Microporous Film/Nonwoven Laminate
Odor: Negligible
Water Solubility: Insoluble
Specific Gravity: 0.840 – 1.910 g/cc
Melting Point Range: 96-135°C

SECTION IX: STABILITY AND REACTIVITY

Stability: Stable under normal ambient conditions
Decomposition: > 300°C (572°F)
Conditions to avoid: Prevent exposure to temperatures > 300°C and open flames.
Incompatible Materials: Strong oxidizing agents
Hazardous decomposition products: Combustible gases
Hazardous polymerization: Will not occur

SECTION X: TOXICOLOGICAL INFORMATION

This product is a blend that has not been evaluated as a whole for health effects. Exposure effects are based on existing health data for the individual components.
Toxicity Overview: Non-toxic.

SECTION XI: ECOLOGICAL EFFECTS

Degradability: Not biodegradable
Ecotoxicity: No indication this material is a risk to the environment. The chemicals are bound in the polymer matrix and not readily available.
Bioaccumulation Potential: The chemicals are bound in the polymer matrix and not readily available. No water hazard.

SECTION XII: DISPOSAL CONSIDERATIONS

Like most thermoplastics, this product can be recycled and this is preferred to landfill disposal or incineration. If the ability to recycle is not available, this material can be disposed of in a regulated landfill or incinerated according to local and federal regulations.

SECTION XIII: TRANSPORT INFORMATION

This product is not regulated for transportation. There are no special conditions required for transport of this material, as it is not classified as a hazardous material under U.S. Department of Transportation, Canadian Transport, European Transport, or United Nations regulations.

SECTION XIV: REGULATORY INFORMATION

This product is classified as non-hazardous based on its components.

Canada:

Components: Rutile Titanium Dioxide, Pigment White 6, CI 77891

WHMIS Classification of Substances: B6

SARA: Material is not known to contain Toxic Chemicals under Section 313 of Title III of the SARA of 1986.

TSCA (Toxic Substances Control Act): All components in this product are listed on the EPA TSCA Inventory.

SECTION XV: OTHER INFORMATION

This information is based on our present knowledge; however, this shall not constitute a guarantee for any specific product features. No toxicity data are available on this specific formulation; this health hazard assessment is based on information that is available for its components. The information given is provided only as guidance for safe handling, use, storage, transportation, disposal, and release and is not considered a warranty or quality specification.