

ASPHALT SHINGLES AND OTHER ASPHALT COATED PRODUCTS WITH FIBERGLASS BASE

SECTION I PRODUCT INFORMATION

Product Name (s) Asphalt shingles (Everest, Harmony, Weather-Tite GL, Dakota, Yukon)
BP Base Sheet, BP Glassgard

Brand Name (s) BP Roofing Shingles, BP Base Sheets, Glassgard

Manufacturer's Name EMCO Building Products Ltd
Address 9510 St-Patrick Street
Lasalle, Québec, Canada H8R 1R9

Emergency Phone Numbers

Maritimes	(514) 364-0161
Québec	(514) 364-0161
Ontario	(514) 364-0161
Manitoba	(403) 466-1135
Saskatchewan	(403) 466-1135
Alberta	(403) 466-1135
British Colombia	(403) 466-1135

Product Uses For low and high (inclined) sloped roofs, as water shedding roof protector, or for all roofing on low sloped roofs.

Product Formula Mixture of asphalt, granular surfacing, inert mineral fillers bonded to a fiberglass mat.

SECTION II PREPARATION INFORMATION

Prepared by EMCO Building Products Ltd
9510 St-Patrick Street
Lasalle, Québec, Canada H8R 1R9

Date of Preparation Sept. 1999
Date of Revision March 2005

SECTION III HAZARDOUS INGREDIENTS

Asphalt 25% to 40%

ASPHALT SHINGLES AND OTHER ASPHALT COATED PRODUCTS WITH FIBERGLASS BASE

SECTION IV PHYSICAL DATA

<u>1. Physical State</u>	Solid (Asphalt coated, Surfaced sheets)
<u>2. Odour and Appearance</u>	Odour - Slight petroleum odour - sheet forms Colour - Sheet forms colored mineral granules/white talc or sand covered blackish (asphaltic) colour
<u>3. Specific Gravity</u>	1.8 to 2.5
<u>4. Boiling Point</u>	Not applicable
<u>5. Vapour Pressure</u>	Not applicable
<u>6. Solubility in Water</u>	Not applicable

SECTION V FIRE AND EXPLOSION DATA

<u>Flash Point</u>	Minimum 265°C (approx.)
<u>Flammable limits in air % by volume</u>	Unknown
<u>Auto-ignition Temperature</u>	370°C - 480°C (approx.)
<u>Fire and Explosion Hazards</u>	Addition of water or foam may cause frothing. Flammage gas emitted on heating.
<u>Extinguishing Method</u>	Water spray, dry chemical, carbon dioxide for smal fires.
<u>Fire Fighting Procedures</u>	Use water spray to cool fire-exposed area and as a protective screen. Self-contained breathing apparatus should be worn to protect against possible release of hydrogen sulfide and sulfur dioxide is material is burning. Do not point solid water directly into burning asphalt to avoid spreading.

ASPHALT SHINGLES AND OTHER ASPHALT COATED PRODUCTS WITH FIBERGLASS BASE

SECTION VI REACTIVITY DATA

<u>Stability</u>	Stable
<u>Conditions to Avoid</u>	Excessive heat approaching flash point
<u>Materials to Avoid</u>	Oxidizing agents, strong acids
<u>Hazardous Decomposition</u>	CO _x , SO _x , NO _x , Sulfur compounds, smoke
<u>Hazardous Polymerization</u>	Not known to happen

SECTION VII ENVIRONMENTAL AND DISPOSAL INFORMATION

Product as produced is in solid state. For disposal use standard approved waste disposal procedures. If product has been affected by heat of fire and asphalt in a fluid state has been affected by heat of fire and asphalt in a fluid state has been released from product, then allow to cool and solidify before disposal. Break it up and collect in appropriate containers such as drums.

SECTION VIII HEALTH HAZARD DATA

This manufactured product as produced and when used under ambient conditions poses no health hazards. However, if product is heated beyond 200°C or if it catches fire, then the major constituent asphalt (bitumen) will emanate slightly toxic fumes. Melted asphalt (bitumen) from the product could act as a fuel and contribute to the fire.

Toxicity Data The International Agency for Research on Cancer states that there is inadequate evidence that bitumens alone are carcinogenic to humans.

Effects of Over-Exposure

<u>Inhalation</u>	Fumes from hot asphalt cause nausea, headache, dizziness.
<u>Skin and Eyes</u>	Hot asphalt burns skin and eyes. Prolonged or repeated skin contact may cause dermatitis.
<u>Ingestion</u>	Ingestion is unlikely.

Note: Under extreme heat, product may liberate hot fluid asphalt.

ASPHALT SHINGLES AND OTHER ASPHALT COATED PRODUCTS WITH FIBERGLASS BASE

SECTION IX FIRST AID

Emergency and First Aid Procedures Information

Skin For hot asphalt splash, cool part by water immersion or shower. Do not attempt removal of asphalt from part but split longitudinally, if circumferential, to avoid tourniquet effect. For skin soiling without underlying burn, cleanse with mineral oil followed by soap and water.

Eyes Copious warm water flush for 15 minutes. Physician assessment if eyes are inflamed. Cleanse soiling with olive oil.

Inhalation Evacuate to fresh air. Apply CPR if required. Physicians assessment mandatory.

Ingestion Not applicable.

SECTION X HANDLING PRECAUTIONS

For product as produced, there are no special handling procedures required other than wearing gloves to protect hands from physical scratches or asphalt stains.

SECTION XI ADDITIONAL INFORMATION

For product as produced and used, there are no special safety procedures required.

Should product catch fire through external sources, remain upwind of the fire. Avoid skin and eye contact. Avoid inhalation of fumes.

Since this product is a "Manufactured Article", EMCO Building Products Limited is not required by law to produce a Material Safety Data Sheet. This Material Safety Data Sheet is provided as a customer service information.

The recommendations and data presented are believed to be correct. However, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of this information.