

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product: REINFORCED ASPHALTIC LAMINATED PAPERS
Manufacturer: HOLLAND MANUFACTURING CO., INC.
Address: 15 MAIN STREET, P.O. BOX 404, SUCCASUNNA, NJ 07876
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SECTION II – HAZARDS IDENTIFICATION

EYE CONTACT: Acute: Direct contact may cause mechanical irritation. Chronic: None known.
SKIN CONTACT: Acute: Essentially no irritation. Chronic: None known.
SKIN ABSORPTION: Acute: Not likely to be absorbed. Chronic: Not likely to be absorbed.
INGESTION: Not likely to occur under normal use and conditions.
Acute: Observe individual; if symptoms develop consult physician. Chronic: None known.
INHALATION: As manufactured, product cannot be inhaled in its normal form. If an abnormal use creates dust, wear a NIOSH/OSHA approved respirator.
Acute: Not known Chronic: Not known.

FOR FIBROUS GLASS: (Normal handling and use of this product does not cause the fiberglass reinforcement to be released from the product. The following information is provided as background on fibrous glass dust.)

ACUTE: Mechanical irritation of the mouth, nose and throat.

CHRONIC: In June, 1987 the International Agency for Research on Cancer (IARC) categorized fiber glass continuous filament as not classifiable with respect to human carcinogenicity. The evidence from human as well as animal studies was evaluated by IARC as insufficient to classify fiber glass continuous filament as a possible, probable, or confirmed cancer causing material. For additional information: Refer to the Material Safety Data Sheet for fiberglass continuous filament, available from Advanced Glassfiber Yarns, 2558 Wagener Rd., Aiken, SC 29801; or, PPG Industries, Inc., Glass Group, Fiber Glass Products, One PPG Place, Pittsburgh, PA 15272.

SIGNS AND SYMPTOMS OF EXPOSURE: None known.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT INGREDIENTS	CAS NUMBER	TLV/PEL
Kraft Paper	-	-
Asphaltic Laminant	64742-93-4	-
Continuous Filament Fiberglass Reinforcing Yarns	65997-17-3	15 Mg/M ³ OSHA PEL 5 Mg/M ³ ACGIH TLV

HAZARDOUS INGREDIENTS*	CAS NUMBER	OSHA PEL	ACGIH TLV
Asphalt	64742-93-4	-	-
Fiberglass (As Respirable Nuisance Dust)	65997-17-3	5 Mg/M ³	3 Mg/M ³

* Substances listed in the Hazardous Ingredients section are those that have been determined to be health hazards and are present at a concentration of 1% or greater.

SECTION IV - FIRST AID MEASURES

SKIN: Wash with soap and water.

EYES: Irrigate with water for at least 15 minutes. Seek medical attention if irritation persists.

INGESTION: Not likely to occur under normal use and conditions. If symptoms develop, consult physician.

INHALATION: Normally none required. For exposure to fumes from thermal decomposition, move person to fresh air. If breathing has stopped, apply artificial respiration. Get immediate medical assistance.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: Not applicable

FLAMMABILITY LIMITS: LEL - Not applicable

UEL - Not applicable

AUTO IGNITION TEMPERATURE: > 230 °C

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Do not overheat product. Auto-ignition may occur if heated beyond 500°F.

EXTINGUISHING MEDIA: Water, Foam, Carbon dioxide, Dry Chemicals.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Minimize breathing fumes, vapors, gases or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Not applicable for product in purchased form.

SECTION VII – HANDLING AND STORAGE

SKIN PROTECTION: Not normally required.

EYE PROTECTION: Not normally required.

DISPOSAL METHOD: In accordance with applicable, state and federal regulations.

VENTILATION: Not required for normal use and conditions.

RESPIRATORY PROTECTION: Not required for normal use and conditions. If any abnormal use or condition produces dust, wear NIOSH/OSHA approved respirator.

SECTION VIII - PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°F): Not applicable

MELTING POINT: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

SPECIFIC GRAVITY: Not applicable

SOLUBILITY: Negligible

APPEARANCE: Paper Lamination

ODOR: Slight asphalt odor

SECTION IX – STABILITY AND REACTIVITY

STABILITY (Conditions to Avoid): Stable

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal

decomposition (Combustion) may produce carbon monoxide, carbon dioxide and/or oxides of nitrogen.

SECTION X - SPECIAL PRECAUTIONS/ADDITIONAL INFORMATION

HAZARDOUS MATERIAL PROPER SHIPPING NAME: Not regulated by DOT.

SPECIAL HANDLING OR SHIPPING PRECAUTIONS: None required.

ADDITIONAL INFORMATION: None

HAZARD CLASS: Non-hazardous

UN IDENTIFICATION NUMBER: None

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