

ISI BUILDING PRODUCTS®

SAFETY DATA SHEET

FOR WRAPTOR® BUILDING WRAP

IDENTIFICATION

PRODUCT NAME: Wraptor
DESCRIPTION: Micro Perforated White Woven Polypropylene
RECOMMENDED USE: Building Wrap

MANUFACTURER

ISI BUILDING PRODUCTS
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HAZARD(S) IDENTIFICATION

Nonhazardous, comprised mainly of polypropylene. Colored or printed product contain small quantities of proprietary pigments that may be health hazards in concentrated form. Contained in the matrix of the product, they do not make products hazardous.

EYE/SKIN: Prolonged and/or repetitive contact can cause abrasion or irritation. Contact with molten product will burn unprotected skin and eyes. Should a burn occur, cool area immediately with cool, clean, running water until no heat is emitted from burn area. Cover with light, dry dressing. Do not apply oily ointments or puncture blisters. Obtain medical assistance.

INGESTION: Not to be eaten nor used as food wrapping

INHALATION: None at ambient temperatures (-18° to 38°C; 0° to 100°F). Vapors, which may be formed at elevated temperatures, may be irritating to eyes or respiratory tract.

HEALTH HAZARDS (acute and chronic): None

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None

EMERGENCY AND FIRST AID PROCEDURES: If in contact with molten plastic, treat effected area with cool water and seek medical attention.

COMPOSITION/INGREDIENTS

CHEMICAL FAMILY: Polypropylene

FIRST AID MEASURES

Not expected to cause adverse health effects under normal handling and storage conditions.

EYE: If heated material should splash into eyes, flush eyes immediately with fresh water for 15 minutes while holding the eyelids open. Remove contact lenses if worn. Get immediate medical attention.

SKIN: If heated material gets on skin, quickly cool in water. See a doctor for extensive burns. Do not try to peel solidified material from skin or use solvents or thinners to dissolve it. Use of vegetable oil, mineral oil or petroleum jelly is recommended for removal from skin.

INGESTION: Not expected to be harmful if swallowed. May cause choking.

INHALATION: If heated, fumes may be unpleasant and produce nausea or irritation of upper respiratory tract. Move exposed person to fresh air. If breathing is difficult, give oxygen. Get medical attention if difficulties continue.

FIREFIGHTING MEASURES

FLASH POINT: 315°C

FLAMMABLE (Explosive) LIMITS (in air by volume):
Lower: N/A, Upper: N/A

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical, Water

SPECIAL FIREFIGHTING PROCEDURES: All individuals required to enter the hazard area must wear full-face, NIOSH-approved self-contained breathing apparatus and appropriate protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not highly flammable but will melt and/or burn when exposed to heat or open flame. Avoid contact with molten, dripping plastic. When heated to decomposition, emits carbon monoxide, acrid smoke and irritating fumes. Can accumulate static charges which can cause an electrical discharge.

ACCIDENTAL RELEASE MEASURES

PROTECTIVE MEASURES: Products should not be stored or exposed to heat or sources of ignition. A static charge may be present on finished products.

SPILL MANAGEMENT: N/A in solid form. If heated material is spilled, allow to cool before proceeding with disposal methods. Dispose of in manner consistent with applicable regulations.

HANDLING & STORAGE

PROTECTIVE MEASURES: May be slippery to walk on when wet. Charges of static electricity may be generated during handling and processing. Store in cool, well-ventilated area, away from incompatible materials. Do not store or handle near open flame, heat or other ignition sources.

SPILL MANAGEMENT: Good housekeeping practices. Use shovel or other appropriate instrument to put material into convenient waste disposal container. Recycle to process,

if possible. Spilled product may create a slipping hazard (especially if wet).

WASTE DISPOSAL METHOD: In accordance with local, state/provincial and federal regulations. Preferred disposal methods are (1) clean and reuse if possible; (2) contact plastic supplier; (3) incinerate with waste heat recovery, and/or (4) landfill.

EXPOSURE CONTROLS/PROTECTION

EYE/FACE PROTECTION: Safety glasses or goggles with side shields where contact is likely at ambient temperatures (-18°C to 38°C; 0°F to 100°F). Where contact may occur with hot material, wear a face shield.

HAND PROTECTION: Protective gloves recommended in cases of repetitive contact, such as sewing operations. Where contact may occur with hot material, wear thermal resistant gloves and arm protectors.

RESPIRATORY PROTECTION: Not required under normal handling and ventilation. Should conditions exist that require respiratory protection, an organic vapor protection mask is recommended.

VENTILATION: Local exhaust. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Small amounts of fines or dust may accumulate in material handling systems. If permitted to accumulate, these fines and dust can, under certain conditions, pose an explosion hazard. Every effort should be made to prevent the concentration or accumulation of fines or dust in, or around, material handling systems.

OTHER PROTECTIVE EQUIPMENT OR CLOTHING: None at ambient temperatures. Wear heat protective clothing if there is a potential for contact with molten material.

WORK/HYGIENIC PRACTICES: Wash hands after handling and before eating.

PHYSICAL/CHEMICAL DATA

APPEARANCE: White, woven flexible sheet

ODOR: None

BOILING POINT: N/A

EVAPORATION RATE: N/A

MELTING POINT: 115 — 130°C

COEFFICIENT OF OIL/WATER DISTRIBUTION: Insoluble

pH: N/A

SOLUBILITY IN WATER: Insoluble (in cold and hot water)

SPECIFIC GRAVITY: 0.91 — 0.98

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

TEMPERATURE RANGE: -50°F (-46°C) to 180°F (82°C)

STABILITY & REACTIVITY

STABILITY: Stable. Decomposition temperature > 300°C.

CONDITIONS TO AVOID: Temperatures above 175°F (80°C), oxidants

INCOMPATIBILITY: Consult manufacturer before using as containment or barrier for chemicals other than water. Very slightly reactive with oxidizing agents, acids and alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, oxides of nitrogen and hydrocarbons may be generated during thermal decomposition and combustion.

HAZARDOUS POLYMERIZATION: Will not occur

TOXICOLOGICAL INFORMATION

CARCINOGENICITY

NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

MUTAGENIC EFFECTS: None known

DEVELOPMENTAL TOXICITY: Not toxic

TERATOGENIC EFFECTS: None known

DISPOSAL CONSIDERATIONS

Dispose in accordance with all applicable local and national regulations.

TRANSPORTATION INFORMATION

HAZARDOUS MATERIAL PROPER SHIPPING NAME: Not regulated by DOT

SPECIAL HANDLING OR SHIPPING PRECAUTIONS: None

HAZARD CLASS: Nonhazardous

UN IDENTIFICATION NUMBER: None

ECOLOGICAL INFORMATION

N/A

REGULATORY INFORMATION

SARA TITLE III HAZARD CATEGORY: No applicable information found.

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