



SAFETY DATA SHEET

2018

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Material name: PRO-TECHT™
Production description: Polyolefin coated woven
Chemical family: Mixture
Product use: Wood, crate, metal and other industrial packaging
Trade name: PRO-TECHT™
Manufacturer: Puyoung Ind. Co.
 9f Puyoung Kangnam Building, 946 Dokok-dong
 Kangnam-ku, Seoul, Korea
Contact: Customer service
 Workman Packaging - Multisac
 1-800-252-5202
info@multisac.com

SECTION 2 A - HAZARDS IDENTIFICATION/EMERGENCY OVERVIEW

Overview: All components of this product are encapsulated within a polyolefin matrix. When handled as intended and used under normal conditions, the product is not expected to pose a physical hazard or health risk to humans.
 This product does not contain any form of asbestos material
Prevention: Avoid breathing, dust, fumes, gas, mist, vapors, and spray
Storage: If stored in rolls on pile, secure pile with stopping mechanism to avoid movement of rolls
Route of exposure: Skin, eye, ingestion

SECTION 2 A - HAZARDS IDENTIFICATION/ POTENTIAL HEALTH EFFECTS

Inhalation: Not expected under normal use
Skin: Not expected under normal use
 Repeated contact may cause skin irritation due to roughness of product
Ingestion: Not intended to be ingested (eaten). If ingested it may cause temporary irritation to the digestive track
Eyes: Not expected under normal use. If material comes in contact with eyes, it may cause irritation
Carcinogenicity: When used under normal conditions, this product is not considered a carcinogen

SECTION 2 C - HAZARD RATING

NFPA		HMIS	
HEALTH	0	HEALTH	0
FLAMMABILITY	1	FLAMMABILITY	1
REACTIVITY	0	REACTIVITY	0
SPECIAL NOTICE	X	PERSONAL PROTECTION	X

Degree of hazard

0	minimal
1	slight
2	moderate
3	serious
4	severe

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

less than 0.5%	all	crystalline silica
0.1% -2.5%	browns	ferric oxide
n/a	flame retardants	arsenic
n/a	flame retardants	antimony trioxide
n/a	flame retardants	4-hydroxy-2,2 6,6 tetramethyl 1- piperidineethanol
n/a	flame retardants	1,2-bisethane

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove to fresh, uncontaminated air
Skin: For minor burn due to molten plastic, use running cold water
Ingestion: If product is ingested, do not induce vomiting. If vomiting occurs, keep head lower than hips to avoid aspiration of vomit into the lungs, which can cause inflammation or pneumonitis. Seek immediate medical attention
Eyes: Immediately flush with plenty of cool water for at least 20 minutes preferably at an eye wash fountain or until irritation subsides. Seek medical attention if irritation persists

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media: Water spray, foam, carbon dioxide, dry chemical
Combustion products: Carbon dioxide, carbon monoxide, other organic compounds. Burning material could release toxic fumes and smoke.
Fire fighting: Avoid breathing fumes. Use extinguishing measures appropriate to the circumstances
Fire fighter protection: Self contained breathing apparatus is appropriate

SECTION 6 - HANDLING AND STORAGE

Storage: Material should be kept clean, dry, and in original packaging
 Keep this product away from heat, sparks, ignition sources and open flames (compliance with applicable laws and regulations)
 If stored in piles, pyramid shape is recommended, always securing each side of the pile with blocking mechanism
Special packaging: No data available
Incompatible: No incompatible material
Other precaution: Product may be slippery when wet, dusty or covered with water ice, dew, frost or snow.
Disposal: This product, as supplied, is not expected to be a hazardous waste.
 Always dispose in accordance with applicable laws and regulation. This product may be recyclable under certain conditions. Do not burn to dispose.

SECTION 8 - PERSONAL PROTECTION

Respiratory protection: Not needed under normal use conditions
Eye, face protection: Safety glasses with side shields are recommended
Hands protection: Leather or cotton gloves are recommended
Skin/body protection: Normal work clothing (long sleeved shirts, long pants, protective foot wear are recommended)
Hygiene practices: Use good industrial hygiene practices when handling the material. Wash exposed skin prior to eating, drinking and at the end of the shift
Exposure guidelines: Handle using methods and technics that minimize dust and fumes
Ventilation: Not needed under normal use conditions

SECTION 9 A - PHYSICAL AND CHEMICAL PROPERTIES

Physical form: Solid	Specific Gravity: Variable
Taste: No data available	VOC weight: No data
Appearance: In rolls or sewed covers	Density: No data
Color: Clear or pigmented	VOC volume: No data
Odour: Odourless	Bulk Density: No data
Boiling point: n/a	Volatiles w: No data
Vapor Pressure: No data	Volatiles v : No data
Melting point: 110-160 C	
Vapor Density: No data	
Freezing point: No data	
Evaporate rate: No data	

SECTION 9 B - PHYSICAL AND CHEMICAL PROPERTIES

Viscosity: No data	Solvent solubility: No data
PH (undiluted): No data	VOC weight: No data
Flash point: No data	Upper Exp. limit : No data
Water solubility: Insoluble	Lower exp. Limit: No data
Molecular weight: No data	Bulk Density: No data
Decomposition temp: No data	Volatiles w: No data
Autoignition temp. 326-710 C	Volatiles v : No data

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