

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME: **TamlynWrap® Elite WRB**

GENERIC NAME: **HOUSEWRAP: BREATHABLE FILM LAMINATED WITH NON WOVEN-FABRICS**

PRODUCT DESCRIPTION: **MOISTURE PERMEABLE SHEET WITH HIGH WATER RESISTANCE. DESIGNED FOR USE AS A BARRIER MATERIAL IN BUILDING APPLICATIONS**

SECTION 2: HAZARDOUS MATERIALS

None Detected

SECTION 3: SPECIFIC CHEMICAL NAME

COMPOSITION	RATIO	CAS NO.
Linear Low Density Polyethylene(LLDPE)	5-15%	9002-88-4
Low Density Polyethylene(LDPE)	5-15%	9002-88-4
Calcium Carbonate	3-20%	471-34-1
Polyethylene-terephthalate(Pet Nonwoven)	2-8%	Proprietary
Polyethylene-terephthalate non-woven	25-50%	25038-59-9
Copolyester(Pet Nonwoven)	15-40%	24938-59-9

SECTION 4: HAZARDS IDENTIFICATION

The film is not toxic and not known to be dangerous in any way under a normal application condition. Accidental thermal decomposition or melting state can present hazards.

SECTION 5: FIRST AID MEASURES

Respiratory System

The film has higher moisture permeability than normal polyethylene film. However, its air permeability is much lower than air exchanging rate that an animal/human requires. Obstruction of respiratory system by the film should lead to smothering. Seek fresh air and ask for a medical assistance immediately. Heimlich maneuver is helpful for choking.

Inhalation

In case of accidental inhalation of fumes from overheating or combustion seek fresh air and if necessary see a physician.

Skin Contact

No significant health hazards identified. Wash exposed skin with soap and water.

Eye Contact

Rinse immediately with plenty of water. If necessary see a physician.

Ingestion

Expected to be relatively non-toxic, no special measures necessary. If necessary see a physician.

Health conditions aggravated by Exposure:

None expected or likely under normal conditions of use. However as with many materials, a very small percentage of population may be allergic to one or more of the components that make up these products, Employees, who have a history of skin disease or allergy should receive medical clearance prior to employment involving direct contact.

ISSUED DATE: 08/01/2023

SECTION 6: FIRE FIGHTING MEASURES

Combustion Temperatures: Not applicable
Product will burn in fire

Autoignition: Not applicable

Thermal decomposition: > 130 °C (Deform at 80 °C or higher)

Thermal decomposition products: Carbon-monoxide, carbon-dioxide, and low molecular weight organic compounds depending on temperature and air supply.

Extinguishing media: Use water sprays, carbon-dioxide, dry chemical, ABC powder and or general foam extinguisher.
Apply fire fighting technique which recommended by its maker.

Special fire fighting instruction: Use NIOSH approved self contained breathing apparatus for fire fighting in closed room.

SECTION 7: ACCIDENTAL RELEASE MEASURES

No special personnel or environmental precautions necessary.

SECTION 8: HANDLING AND STORAGE

Storage precautions: Deal with incombustible solid

Handle precautions: Store the product far away from the source of fire & oxidizer

SECTION 9: EXPOSURE CONTROL

Ventilation: No special ventilation requirements are necessary.

Eye protection: Use of safety glasses is a good industrial practice.

Skin protection: None required, however, use of protective gloves/clothing are good Industrial practices

Respiratory protection: None required for normal conditions of use. If dust, fumes and vapors are not controlled, use NIOSH approved gas mask.

Other protection: No other protection is necessary.

Work/Hygienic practice: Always clean protective equipments and work-places.

SECTION 10. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White and/or colored film. some are printed on its surfaces. Odor: None (slight smell of Hydrocarbon)

pH: Not applicable

Boiling point: Not applicable

Melting point: 100-130 °C

Decomposition temperature: greater 130 °C

Flash point: Unknown

Explosive limit: Unknown

Oxidizing properties: Not applicable

Vapor pressure: Unknown

Solubility (water): Not soluble

Partition coefficient (n-Octanol/water): Unknown

SECTION 11. STABILITY AND REACTIVITY

Stability: The product is stable under normal use condition.

Condition to avoid: Under thermal decomposition, flammable and toxic fumes can be generated. Avoid excessive heat.

Materials to avoid: Strong acids and strong bases and strong oxidizing agents.

Hazardous decomposition product: Refer section 5.

SECTION 12. TOXICOLOGICAL INFORMATION

No toxic reaction known under normal use conditions.

Note : Under decomposition condition, might generate toxic fumes and contaminated water.

SECTION 13. ECOLOGICAL INFORMATION

The film is not associated with any ecological problems.

The film is not biodegradable.

Toxicity for fish : Unknown

SECTION 14. DISPOSAL CONSIDERATION

The film may be disposed of by incineration, in approved land fill tips, by other authorized means.

Do not dispose to a sewer or a river.

The film is not biodegradable.

Observe local regulations.

SECTION 15. TRANSPORT INFORMATION

Not applicable

SECTION 16. REGULATORY INFORMATION

TSCA(Toxic Substance Control Act): This product is on TSCA inventory list.

SECTION 17. OTHER INFORMATION

This material safety data sheet and the information contained are offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.