



SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 (REACH)

1. PRODUCT IDENTIFICATION

Trade Name(s): HD.skrim
Product Description: Polyester Spunbonded Nonwoven
Synonyms: N/A
CAS No: N/A

Supplier:
EPRO Services, Inc.
PO Box 347
Derby, KS 67037
800-882-1896 (8:00am – 5:00pm CST)

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture: Not classified

GHS label elements

Signal word: No signal word

Hazard statements: No known significant effects or critical hazards.

Precautionary statements

Preventio: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Hazard not otherwise classified: None known

No hazardous product under normal conditions

3. COMPOSITION/INFORMATION ON INGREDIENTS

Non-hazardous ingredients Name	%	CAS Number
Polyethylene Terephthalate	85-90	25038-59-9
Co-Polyethylene Terephthalate	10-15	-

4. FIRST-AID MEASURES

Description of necessary first aid measures

Eye Contact: No specific measure to be taken

Inhalation: No specific measure to be taken

Skin contact: If burned by contact with molten material cool as quickly as possible.

Burns should be treated as thermal burns.

Product is a polymer of low toxicity, therefore, there is no agent need to remove it from skin because of concern about toxicity.

Ingestion: No specific measure to be taken

Most Important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: No health effect via this route of entry expected under anticipated use conditions

Inhalation: No health effect via this route of entry expected under anticipated use conditions

Skin contact: No health effect via this route of entry expected under anticipated use conditions

Ingestion: No health effect via this route of entry expected under anticipated use conditions

Indication of immediate medical attention and special treatment needed, if necessary

Note to physician: Treat symptomatically

Specific treatment: No specific treatment

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Regular dry chemical, carbon dioxide, water, regular form

Large fires: Use regular foam or flood with fine water spray

Fire fighting: Move container from fire area if it can be done without risk.

Use extinguishing agents appropriate for surrounding fire.

Avoid inhalation of material or combustion by-products.

Stay upwind and keep out of low areas.

Extinguishing-media not to be used: None

Special exposure hazard: For flammable and toxic fumes as well as skin contact with molten materials see also section 10.

Special protective clothing for fire-fighter: None

NFPA Ratings: Health=0 Fire=0 Reactivity=0

Hazard scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

6. ACCIDENTAL RELEASE MEASURES

Safeguards (Personnel)

Note: Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.

Accidental Release Measures

Polyester is not readily biodegradable, nor radioactivity. It contains no significant percentage of materials extractable in water so its effect on ground water in case of landfill should be negligible. It is stable in all recommended use environments and requires no special spill handling procedures.

7. HANDLING AND STORAGE

Handling (Personnel): Avoid contact with eyes. Avoid contact with skin. Wash thoroughly after handling.

Handling (Physical Aspects): Keep away from heat, sparks and flames

Storage: Keep container in a cool place

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits: None

Engineering controls: Use only with adequate ventilation

Personal Protective Equipment

Eye/Face: Safety Glasses

While no special protections are required, it is important that exposure to any inhalable material be minimized by the use of adequate ventilation, such as local exhaust, effective containment, and personal cleanliness

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Solid

PH: Not applicable

Boiling point/boiling range: Not applicable

Decomposition temperature: greater 300°C

Flammability: Not easily flammable

Oxidizing properties: Not applicable

Vapor density: Not applicable

Water solubility: Insoluble

Soluble: Chloral hydrate, phenol, phenol/tetrachlorethane(1 :1), nitrobenzene's, hot demethyl sulfoxide, trifluoroacetic acid, hot m-cresol, o-chlorophenol

Coefficient of water/oil distribution: Not applicable

Partition coefficient

-n-octanol/water: Not applicable

Special gravity: 1.37 ~ 1.38 (g/cm³)

Appearance(the color of the product as supplied): White

Odor: Not applicable

Melting point/melting range: approx.220-267°C

Flash point: Not applicable

Explosive properties: Not applicable

Vapor pressure: Not applicable

Relative density: Not applicable

10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical stability: Stable at normal temperature and pressure

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

Condition to avoid

Under thermal decomposition flammable and toxic fumes can be generated.

Above 300°C may be released: toxic and flammable gases, carbon monoxide

The generation of cleavage and oxidation products is subject to fire conditions.

Burned residues and contaminated water after firefighting should be disposed of in compliance with official regulations.

Molten material should not be allowed to be in contact with the skin to which it can adhere and cause burns.

Incompatible materials: No specific data

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

No toxic reaction known under normal conditions

Note : Under decomposition conditions; toxic fumes and contaminated water, see section 10.

Information on toxicological effects

No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: No specific data

Inhalation: No specific data

Skin contact: No specific data

Ingestion: No specific data

Potential chronic health effects

No known significant effects or critical hazards.

Numerical measure of toxicity

Not applicable

12. ECOLOGICAL INFORMATION (non-mandatory)

For transportation, storage, normal use, no effect known.

13. DISPOSAL CONSIDERATIONS (non-mandatory)

As non hazardous solid waste, depending on local registration, nonwovens can be disposed of through recycling, incineration or landfill.

14. TRANSPORT INFORMATION (non-mandatory)

No specific request

15. REGULATORY INFORMATION (non-mandatory)

None

16. OTHER INFORMATION

This information provided on this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designated only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.