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

<table>
<thead>
<tr>
<th>Non-hazardous ingredients Name</th>
<th>%</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene Terephthalate</td>
<td>85-90</td>
<td>25038-59-9</td>
</tr>
<tr>
<td>Co-Polyethylene Terephthalate</td>
<td>10-15</td>
<td>-</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Physical state:</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>PH: Not applicable</td>
<td></td>
</tr>
<tr>
<td>Boiling point/boiling range:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature:</td>
<td>greater than 300°C</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not easily flammable</td>
</tr>
<tr>
<td>Oxidizing properties:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water solubility:</td>
<td>Insoluble</td>
</tr>
<tr>
<td>Soluble: Chloral hydrate, phenol, phenol/tetrachlorethane(1 :1), nitrobenzene's, hot dimethyl sulfoxide, trifluoroacetic acid, hot m-cresol, o-chlorophenol</td>
<td></td>
</tr>
<tr>
<td>Coefficient of water/oil distribution:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient -n-octanol/water:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Special gravity:</td>
<td>1.37 ~ 1.38 (g/cm³)</td>
</tr>
<tr>
<td>Appearance (the color of the product as supplied):</td>
<td>White</td>
</tr>
<tr>
<td>Odor:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting point/melting range:</td>
<td>approx. 220-267°C</td>
</tr>
<tr>
<td>Flash point:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapor pressure:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative density:</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

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.