1. PRODUCT IDENTIFICATION

Product Name: Cellvents
Chemical Family: Polyolefin
Chemical Name: Ethylene-Propylene Copolymer
CAS No: Not Applicable

Technical Information: (704) 399-3216

2. HAZARDS IDENTIFICATION: Not classified as hazardous chemical

<table>
<thead>
<tr>
<th>No.</th>
<th>Components</th>
<th>CAS No.</th>
<th>Percent (%)</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Polypropylene Copolymer</td>
<td>9010-79-1</td>
<td>50 - 100%</td>
<td>Not established</td>
</tr>
<tr>
<td>2</td>
<td>Proprietary</td>
<td>Mixtures</td>
<td>0 - 50%</td>
<td>Not established</td>
</tr>
</tbody>
</table>

3. PHYSICAL/CHEMICAL PROPERTIES

Physical Form: Solid
Color: Finished sheets with colors specified
Odor: Insignificant
Boiling Point: Not applicable
Melting Point: 150 – 170°C
Freezing Point: Not applicable
Solubility in Water: None
Specific Gravity: 0.7 - 1.2 (water = 1)
Vapor Density: Not applicable (air = 1)
Evaporation Rate: None (Butyl Acetate = 1)
Vapor Pressure: Not applicable
% Volatile: None
pH: Not applicable

The physical data presented above are typical values and should not be construed as a specification.

4. FIRE HAZARD DATA AND FIGHTING METHOD

Flash Point: Not applicable
Autoignition: Not applicable
Flammable Limits
In Air (LEL, %) Not applicable
(UEL, %) Not applicable
Extinguishing Media:  Dry chemical, carbon dioxide or foam
Special Fire Fighting Procedure:  Thermal decomposition may occur at temperatures greater than 390°C. In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Extinguish fires with foam or dry chemical. Do not use water jet.

Unusual Fire and Explosion Hazards:  Avoid accumulation and dispersion of dust to reduce explosion potential. Fire may produce irritating gases and dense smoke.

5. HUMAN HEALTH DATA
Emergency Overview:  Practically nontoxic
Primary Route(s) of Exposure:  Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure
Negligible hazard at room temperature under normal use.
Eye Contact:  Solid flake or dust may cause transient irritation as a result of mechanical abrasion.
Skin Contact:  Essentially no irritation to skin. Mechanical injury only. Hot solid may cause thermal burns.
Inhalation:  Exposure to dust at high concentration may cause irritation to respiratory tract.
Ingestion:  May cause choking if swallowed.
Medical Conditions Aggravated by Overexposure:  Not expected. IntePro is generally accepted as being biologically inert. No specific antidotal treatment, symptomatic support required.
Carcinogenicity:  NTP: No IARC: No OSHA: No

6. FIRST AID MEASURES
Eye Contact:  Immediately flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation or other symptoms occur, consult a physician.
Skin Contact:  Get medical attention for serious burns. In case of skin contact with hot IntePro, immediately immerse in or flush with clean, cold water.
Inhalation:  Remove to fresh air. Consult physician if irritation of respiratory passage occurs.
Ingestion:  Consult physician.
Notes to Physician:  No known delayed effects following single exposure.
Other Instructions:  None

7. EXPOSURE CONTROLS, PERSONAL PROTECTION RECOMMENDATIONS
Eye Protection:  Safety glasses
Skin Protection:  Gloves required when handling hot material
Respiratory Protection:  None required in normal use of product. NIOSH approved dust mask recommended if dust conditions exist.

Engineering Control:  Ventilation Requirements – General
General ventilation should be sufficient. However, if operating conditions create high airborne concentrations of this material, special ventilation may be needed. If handling results in dust generation, special ventilation may be needed to ensure that dust exposure does not exceed the OHSA PEL for nuisance dust.

Required Work/Hygiene Procedure:  Minimize contact with skin. Do not eat, drink or smoke in work area. Wash hands thoroughly after handling, especially before eating drinking, smoking, chewing or using restroom facility. Dust clothing and shoes should be thoroughly cleaned before use.
Exposure Guidelines:

<table>
<thead>
<tr>
<th>No.</th>
<th>Components</th>
<th>OSHA-PEL</th>
<th>ACGIH-TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Polypropylene Copolymer</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nuisance dust: 10 mg/M^3 TWA</td>
<td></td>
</tr>
</tbody>
</table>

8. ACCIDENTAL RELEASE CONTROL MEASURES
Response to Spills: Not applicable

9. HANDLING AND STORAGE
Handling: Wear safety glasses during cutting and fabricating processes. Electrostatic charge may build up during handling. Grounding of equipment is recommended.
Storage: Store in a dry place and away from direct sunlight.
Container Use: Keep container closed.

10. STABILITY AND REACTIVITY
Stability: Stable
Conditions to Avoid: Strong oxidizers
Hazardous Decomposition: Carbon dioxide, carbon monoxide
Hazardous Polymerization: Will not occur

11. DISPOSAL CONSIDERATIONS
Disposal Method: It must be disposed of in accordance with Federal, State and local environmental control regulations.
Recycle/Reclaim: Recycling and reclaimation of IntePro should be encouraged where possible.

12. TRANSPORT INFORMATION
DOT Shipping Name: Not listed
DOT Label: Not regulated
DOT Hazard Class: Not applicable
UN/NA Number: Not applicable
Hazard Label(s): Not applicable
Hazard Placard(s): Not applicable
Packing Group: Not applicable
Bulk Packaging: Not applicable
RQ: Not applicable
Emergency Response Guide (ERG) No.: Not applicable

13. TOXICOLOGICAL INFORMATION
The information provided below can be subject to misinterpretation. Therefore, it is essential that the following information be interpreted by individuals trained in its evaluation.

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Toxicity Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene copolymer</td>
<td>No toxicology data available</td>
</tr>
<tr>
<td></td>
<td>Polypropylene is not considered hazardous materials under the OHSHA</td>
</tr>
<tr>
<td></td>
<td>Hazard Communication Standard</td>
</tr>
</tbody>
</table>

14. ECOLOGICAL INFORMATION
No data is available on the adverse effects of this product on the environment. Neither COD or BOD data are available.
15. REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION
Polypropylene copolymer

OSHA Status: None
EPA Clean Air Act Status: None
EPA Clean Water Act Status: None
TSCA Status: All ingredients are listed on TSCA Inventory (40 CFR710)
CERCLA RQ: None

SARA Title III
Polypropylene copolymer

Section 302*
Section 313**
Section 311/312***
None
None
None

*Reportable quantity of extremely hazardous substance, Sec. 302
*Threshold planning quantity, extremely hazardous substance, Sec. 302
**Toxic chemical, Sec. 313
***Category as required by Sec 313 (40CFR372.65C). Must be used on Toxic Release Inventory form.

RCRA Status: If disposed of in its purchased form, this would not be a RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product used to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste (40CFR261.20-24).

OTHER REGULATORY INFORMATION
The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

State
Chemical
Regulation
None
Polypropylene Copolymer
None

Product Name: Cellvents

International
None

16. OTHER INFORMATION

NFPA
Fire – 1
Health – 0
Reactivity – 0
Specific Hazard – None

HMIS
Health - 0
Flammability - 1
Reactivity - 0
Personal Protection Index - E

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