Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,

IDENTITY (As Used on Label and List)

PERLITE (EXPANDED)

Section I - Trade name: PERSOLITE (Masonry Fill Insulation, Concrete Aggregate, Horticultural)
Manufacturer's Name: Persolite Products, Inc.
Address (Number, Street, City, State, and Zip Code): P.O. Box 505
FLORENCE, CO 81226
(201 S. Robinson) Florence, CO

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

PERLITE (EXPANDED)

Section I - Trade name: PERSOLITE (Masonry Fill Insulation, Concrete Aggregate, Horticultural)
Manufacturer's Name: Persolite Products, Inc.
Address (Number, Street, City, State, and Zip Code): P.O. Box 505
FLORENCE, CO 81226
(201 S. Robinson) Florence, CO

Date Prepared: January 5, 2004
Signature of Preparer (optional): Lori L. Soden

Section II - Hazardous Ingredients/Identity Information

Components (Specific Chemical Identity: Common Name(s)):
PERLITE (expanded)

OSHA PEL: 5 mg/m³
ACGIH TLV: Respirable Dust

Other Limits Recommended: 120% (optional)

Formula: Sodium Potassium Aluminum Silicate of Variable Composition
Chemical Family: Amorphous Mineral Silicate

Crystalline Silica: Cristobalite < 0.1%
Quartz: < 0.1%

Section III - Physical/Chemical Characteristics

Boiling Point: N/A
Specific Gravity (H₂O = 1): 2.3
Vapor Pressure (mm Hg): N/A
Melting Point: N/A
Vapor Density (AIR = 1): N/A
Evaporation Rate (Butyl Acetate = 1): N/A
Solubility in Water: Slight
Appearance and Odor: White, Dry Aggregate. No odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Non Flammable
Flammable Limits: N/A
LEL: N/A
UEL: N/A

Extinguishing Media: N/A
Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: No Hazard

(Optimal Reprint Location: OSHA 174, Sect. 198E)
### Section V — Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>X</td>
<td>None in designed use</td>
</tr>
</tbody>
</table>

Incompatibility (Materials to Avoid):  
Hydroloric Acid: (Reacts to form toxic silicon tetraflouride gas)

### Hazardous Decomposition or Byproducts

<table>
<thead>
<tr>
<th>Hazardous</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polymerization</td>
<td>Will Not Occur</td>
<td>Contact with Hydroloric Acid</td>
</tr>
</tbody>
</table>

### Section VI — Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Sign?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>Not hazardous</td>
</tr>
</tbody>
</table>

Health Hazards 
Generally regarded as safe by the FDA.

Chronic: None Known: Follow safe handling practices below.

Carcinogenicity: No 
NTP? No 
IARC Monographs? No 
OSHA Regulated? No (See below)

### Signs and Symptoms of Exposure

Inhalation over long periods of high amounts of any nuisance dust may overload lung clearanc mechanism and make lungs more vulnerable to respiratory illness.

### Medical Conditions

Pre-existing conditions upper respiratory and lung diseases, such as, but not limited to, bronchitis, emphysema and asthma.

### Emergency and First Aid Procedures

Move person to dust free area, drink water to clear throat and blow nose.

Eyes: Flush eyes with water for a minimum of 15 minutes. DO NOT RUB.

### Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled
Vacuum or wet sweep. Avoid creating dust. Maintain good housekeeping procedures regarding nuisance dust.

### Waste Disposal Method

Product as manufactured is acceptable for landfill. If contaminated by toxic substances the manner of disposal would be governed by the toxic substance.

### Precautions to Be Taken in Handling and Storing

Handle to avoid creating dust. Repair broken bags. We recommend the use of NIOSH approved respirators for protection for specified threshold values.

### Other Precautions

Normally no required.

### Section VIII — Control Measures

Respiratory Protection (Specify Type)

We recommend the use of NIOSH approved respirators for protection for specified threshold

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
<th>Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provide adequate exhaust ventilation.</td>
<td>Normally not required.</td>
<td>Normally not required.</td>
<td></td>
</tr>
</tbody>
</table>

Mechanical (General) and or dust collection

Protective Gloves

Normally not required. Eye Protection

Other Protective Clothing or Equipment

Normally not required. 

Work/Hygienic Practices

Maintain good housekeeping procedures.
Insulfoam LLC
Material Data Safety Sheet

I. PRODUCT INFORMATION  Effective date 6/20/07

<table>
<thead>
<tr>
<th>Hazard Rating</th>
<th>Health</th>
<th>Fire</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 = Minimal</td>
<td>1 = Slight</td>
<td>2 = Moderate</td>
</tr>
<tr>
<td></td>
<td>3 = Serious</td>
<td>4 = Severe</td>
<td>0 = Minimal</td>
</tr>
</tbody>
</table>

| Product : | Insulfoam Molded EPS Products, R-TECH |
| Synonyms : | Molded Expanded Polystyrene (MEPS) |
| Product Grades : | Type I, VIII, II, IX, XIV and XV (modified) |
| Chemical Family : | Polystyrene Thermoplastic |
| CAS Registry No. : | 9003536 |
| CAS Name : | Benzene, Ethynyl, Homopolymer |
| Formula : | (C₈H₈)ₙ |
| TSCA Inventory Status : | Listed |

Contact: Insulfoam LLC
1019 Pacific Avenue, Suite 1501
Tacoma, Washington 98402-4483
(253) 572-5111 FAX (253) 383-7100

II. INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Components:</th>
<th>CAS Registry No.:</th>
<th>Approx. Weight Percentage:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pentane</td>
<td>109660</td>
<td>&lt;2%</td>
</tr>
<tr>
<td>Bromine Flame Retardant</td>
<td>3194-55-6</td>
<td>&lt;1%</td>
</tr>
<tr>
<td>Polymeric Film</td>
<td></td>
<td>1-3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Non-Hazardous Components:</th>
<th>CAS Registry No.:</th>
<th>Approx. Weight Percentage:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polystyrene</td>
<td>9003536</td>
<td>&gt;92%</td>
</tr>
</tbody>
</table>

III. PHYSICAL DATA

| Form : | Rigid, cellular foam blocks, boards and shapes |
| Color : | White                              |
| Odor : | Very slight pentane                 |
| Boiling Point : | N/A                                |
| Melting Point : | N/A (Softening begins @ 160°F)    |

| Specific Gravity (Water = 1) : | <1 |
| Volatile by Volume : | <1.8% (Pentane & Water) |
| Vapor Pressure : | N/A |
| Vapor Density (Air = 1) : | N/A |
| Evaporation Rate : | None |
| Solubility in Water : | Insoluble |
| Density : | 0.6 pcf to 3.0 pcf |

IV. FIRE & EXPLOSION DATA

| Flash Pt. and Method Used : | 610°F min. (ASTM D1929) |
| Special Fire-Fighting Instructions : | Use approved self-contained breathing apparatus respirator and personal protective clothing (turn out gear). |
| Extinguishing Media : | Water fog, carbon dioxide, dry chemical, foam |
| Autoignition Temperature : | 850°F min. |
| Unusual Fire & Explosion Hazards : | If exposed to fire, high heat will develop and may produce dense, black smoke. Dust generated by fabrication (ie. sanding, sawing, etc.) will increase fire hazard and should be handled accordingly. |

V. REACTIVITY DATA

| Stability (Conditions to Avoid) : | Stable. Avoid fire and high temperatures. |
| Incompatibility (Materials to Avoid) : | Will dissolve in most organic solvents and some insecticides, aldehydes and amines. |
| Hazardous Decomposition : | CO, CO₂, H₂O and Hydrogen Bromides |
| Hazardous Polymerization : | None. |
**Principal Health Hazards**

**and Signs & Symptoms of Exposure**

**Eye Contact:** Dust or particles may cause mechanical eye irritation and/or injury.

**Inhalation:** Dust from mechanical fabrication may cause upper respiratory irritation. Fumes from hot-wire cutting can also cause upper respiratory irritation.

**Skin Contact:** None. May produce slight skin irritation in a few individuals.

**Ingestion:** Biological inert. May act as an obstruction if swallowed.

**Carcinogenicity:** None.

**Safety Precautions:** Use positive ventilation. Mechanical fabrication, sanding, etc. requires the use of safety glasses or goggles and dust mask.

**First Aid**

**Eyes:** Rinse with clean water. Remove foreign particles with clean, lint-free cloth. Obtain medical treatment if pain, blinking, tears or redness persists.

**Inhalation:** If overcome by exposure, remove to fresh air. Provide oxygen and artificial respiration. Get medical treatment if pain, blinking, tears or redness persists.

**Skin:** Not expected to present skin hazard. Wash exposed areas with mild soap and water. Consult physician if irritation persists.

**Ingestion:** Not expected to present significant ingestion hazard. Consult physician if swallowed.

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**VII. EMPLOYEE PROTECTION**

**Personal Protection Equipment**

**Respiratory Protection:** Use approved dust mask when sawing or sanding.

**Skin Protection:** Wear gloves and/or sleeves if sensitivity is noted.

**Eye Protection:** Use approved safety glasses/goggles when sawing or sanding.

**General Control Measures:** Use positive ventilation. Wear safety glasses/goggles and dust mask if mechanical fabrication is to take place.

---

**VIII. SPILL OR LEAK PROCEDURE**

**Spill, Leak or Release Procedures:** Normal good housekeeping should be observed. Material can be swept or picked up and placed into a suitable container for disposal.

**Reportable Quantity:** None.

**Disposal Method:** Recycle, incinerate (WTE) or land-fill per local and state regulations.

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**IX. SPECIAL PRECAUTIONS**

**Storage and Handling:** Expanded Polystyrene is considered to be combustible, and adequate protection from sources of ignition should be taken.

**Transportation Requirements:** Not a D.O.T. Hazardous Material.
SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: WITCONATE ADK

This MSDS has been reviewed on 1/19/2006, and is current as of the DATE ISSUED above.
Chemical name: Sodium alpha olefin sulfonate

Supplier: Akzo Nobel Industrial Specialties, Inc.
300 South Riverside Plaza
Chicago, IL 60606-6697, USA

Emergency telephone number: Akzo Nobel Emergency Response
(24 hours) 914-693-6946
CHEMTREC (24 hours) 800-424-9300

For MSDS, Product Safety, or regulatory inquiries, call: Mike Curl 713-434-4421

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>CAS#</th>
<th>CONCENTRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium (C14-16) alpha olefin sulfonate</td>
<td>68439-57-6</td>
<td>94.0 %</td>
</tr>
<tr>
<td>Sodium sulfate</td>
<td>7757-82-6</td>
<td>6.0 %</td>
</tr>
</tbody>
</table>

SECTION 3. HAZARDS IDENTIFICATION

APPEARANCE

Physical state: Flakes
Color: Cream white
Odor: Bland

EMERGENCY OVERVIEW

WARNING!
CAUSES EYE IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

POTENTIAL HEALTH EFFECTS

- Swallowing
  - Acute effects
    - Moderately toxic.
  - Skin absorption
    - Acute effects
    - Harmful effects are not expected from short periods of contact.
Inhalation
Acute effects
Short-term harmful health effects are not expected from vapor generated at
ambient temperature.

Skin contact
Acute effects
Causes slight to moderate irritation.

Eye contact
Acute effects
Causes moderate to severe irritation.

POTENTIAL ENVIRONMENTAL EFFECTS
This product is expected to be moderately toxic to aquatic organisms.

SECTION 4. FIRST AID MEASURES

Swallowing
Do not induce vomiting. Obtain medical attention immediately.

Skin
Immediately flush skin thoroughly with water for at least 15 minutes
while removing contaminated clothing and shoes. Obtain medical attention
if irritation persists.

Inhalation
Remove to fresh air. Give artificial respiration if not breathing.
Obtain medical attention.

Eye contact
Immediately flush eyes with water and continue washing for at
least 15 minutes.

SECTION 5. FIRE-FIGHTING MEASURES

Flash point: > 94 C (> 200 F)

Special protective equipment for firefighters
Use self-contained breathing apparatus when fighting fires in
enclosed areas.

Extinguishing media
suitable: Extinguish with:
- water fog
- dry chemical
- CO2
- alcohol resistant foam
- water spray

unsuitable: None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
- Wear suitable protective equipment.

Environmental precautions:
- Avoid runoff to sewers or waterways. Product is dispersible in water. May be harmful to aquatic life.

Methods for cleaning up:
- Sweep up and collect in a suitable container for disposal.
- Leach with large amounts of water.
- Observe government regulations.

SECTION 7. HANDLING AND STORAGE

Handling:
- Handle precautions: Do not get in eyes, on skin, on clothing. Wear recommended personal protection equipment.

Storage:
- Storage requirements: Store and use with adequate ventilation. Store at ambient temperature.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:
- Respiratory protection: If personnel exposure exceeds the exposure limits, select appropriate
rotective equipment in accordance with NIOSH recommendations.

and protective / protective gloves
esistant gloves

ye protection
afety glasses.

industrial hygiene measures
omove contaminated clothing and clean it.

ENGINEERING CONTROLS

entilation
neral (mechanical) room ventilation is expected to be satisfactory
or normal handling.

XPOSURE LIMITS
o exposure limits have been established

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PEARANCE
ysical state: Flakes
olor: Cream white
dor: Bland

HER PROPERTIES
oiling Point: No data available.
elting Point: No data available.
H: 7 - 10
apor pressure: Negligible
apor density (air=1): Non Volatile
olubility in water: Soluble
lash point: > 94 C (> 200 F)
method: Pensky-Martens closed cup ASTM D 93
percent volatiles: 0 % (m)

SECTION 10. STABILITY AND REACTIVITY

ability: Stable.

ability - Conditions to avoid
able under normal conditions.
Section 1. Toxicological Information

Mating
Test results
Oral toxicity: LD50 - Rats (Males)
Result: 2,161 mg/kg
Oral toxicity: LD50 - Rats (Females)
Result: 1,895 mg/kg

Skin Absorption
Test results
Oral toxicity: LD50 - Rabbit
Result: > 2,020 mg/kg

Sensitization
Test results: Remark: Non-sensitizing

Carcinogenicity
Assessment
Our carcinogenicity studies evaluated AOS and that AOS is not carcinogenic in rodents when administered either percutaneously or orally.

Section 12. Ecological Information
This product is expected to be moderately toxic to aquatic organisms.

Section 13. Disposal Considerations
General:
It is our opinion this product is not a RCRA hazardous waste. It is the
generator's responsibility to make their own determination as to the RCRA
tatus of waste they generate. We have not performed a Toxicity
characteristic Leachate Procedure (TCLP) on this product. Incinerate
in a furnace where permitted under appropriate Federal, State, and local
regulations.

un-cleaned packages
Dispose of washing solution in the same way as product.

SECTION 14. TRANSPORT INFORMATION

IT Classification

This product is not regulated by DOT.

NAH Classification

This product is not regulated by IMDG.

CAO Classification

This product is not regulated by ICAO.

SECTION 15. REGULATORY INFORMATION

Comprehensive Environmental Response Compensation and Liability Act of
1980 (CERCLA) requires notification of the National Response Center of
release of quantities of hazardous substances equal to or greater than
the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require
reporting under the statute are:

*** NONE ****

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
requires emergency planning based on Threshold Planning Quantities
(TQ's) and release reporting based on Reportable Quantities (RQ's)
in 40CFR355 (used for SARA 302 and 304).

Components present in this product at a level which could require
reporting under the statute are:

one.

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III
requires submission of annual reports of release of toxic chemicals that
appear in 40CFR372 (for SARA 313). This information must be included in
SOS's that are copied and distributed for this material.
COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

ONE.

Pennsylvania Right-To-Know Hazardous Substance List--Hazardous Substances and Special Hazardous Substances on the list must be identified when present in products.
COMPONENTS PRESENT IN THIS PRODUCT AT A LEVEL WHICH COULD REQUIRE REPORTING UNDER THE STATUTE ARE:

ONE.

New Jersey Worker and Community Right-To-Know Act (Labeling Requirements)
CHEMICAL NAME: CAS# New Jersey TS NUMBER
Sodium Sulfate: 7757-82-6
Sodium (C14-16) alpha olefin sulfonate: 68439-57-6

SECTION 16. OTHER INFORMATION

RECOMMENDED USES AND RESTRICTIONS
Please consult the product and/or application information bulletins or this product.

Hazard: 2 Flammability: 0 Reactivity: 0 PPE: -

STANDARD TEMPERATURE AND PRESSURE
WEIGHT/WEIGHT
MINIMAL HAZARD
SLIGHT HAZARD
MODERATE HAZARD
SERIOUS HAZARD
SEVERE HAZARD
PERSONAL PROTECTION RATING TO BE SUPPLIED BY USER DEPENDING ON USE CONDITIONS
PRODUCT: WITCOMATE AOK

ORDER NO: 235633
PROD NO : 383810

--------------------------------------------- FOR ADDITIONAL INFORMATION ---------------------------------------------

CONTACT: MSDS COORDINATOR
UNIVAR USA INC.
DURING BUSINESS HOURS, PACIFIC TIME (425) 689-3400

07/03/06 06:06 PRODUCT: 383810 CUST NO: 425230 ORDER NO: 235633

--------------------------------------------- NOTICE ---------------------------------------------

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---------------------------------------------

DO NOT USE INGREDIENT INFORMATION AND/OR PERCENTAGES IN THIS MSDS AS A PRODUCT SPECIFICATION. FOR PRODUCT SPECIFICATION INFORMATION REFER TO A PRODUCT SPECIFICATION SHEET AND/OR A CERTIFICATE OF ANALYSIS. THESE CAN BE OBTAINED FROM OUR LOCAL UNIVAR SALES OFFICE.

---------------------------------------------

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*** END OF MSDS ***
Product Name: Zell-Crete Fiber
File: MSDS ZCFiber

MATERIAL SAFETY DATA SHEET
Revised 11/13/06 EMG/ML

Product Name: Zell-Crete Fiber

A 1/2 inch, 15-denier polyester filament, specifically designed to be used in Elastizell cellular concrete.

SECTION I - LOCATION

Manufacturer's Name and Address:

Superior Fiber Products
9391 Mentor Avenue, Suite 289
Mentor, OH 44060
tel: (800) 243-0789

Distributor's Name and Address:

Research Center:

Elastizell Corporation of America
7900 Second Street
Dexter, MI 48130
tel: (734) 426-6076
fax: (734) 426-6078

Office:

Elastizell Corporation of America
267 Collingwood - P. O. Box 1462
Ann Arbor, MI 48106
tel: (734) 761-6900
fax: (734) 761-8016

Emergency Telephone Number: Superior Fiber Products @ (800) 243-0789

SECTION II - INGREDIENTS

Polyethylene terephthalate polymer (PET) (CAS # 25038-59-9)
Surface finishes (surfactants) < 2%

There are no known physical or health hazards associated with this product. In skin tests on human subjects, the fibers produced no irritation or sensitization.

Thermoplastic polyester (PET) products are not considered hazardous by criteria of the OSHA Hazardous Communication Standard (29 CFR 1910-1200).
SECTION III - CHEMICAL & PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Polyethylene terephthalate polymer (PET)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.34</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>130-160 ksi</td>
</tr>
<tr>
<td>Initial Modulus</td>
<td>50-60 grams/denier</td>
</tr>
<tr>
<td>Ignition Point</td>
<td>Over 1100°F</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Over 495°F</td>
</tr>
<tr>
<td>Ductility Range</td>
<td>-100°F through +440°F</td>
</tr>
<tr>
<td>Weak Acid Resistance</td>
<td>High</td>
</tr>
<tr>
<td>Weak Alkali Resistance</td>
<td>High</td>
</tr>
<tr>
<td>Thermal Conductivity</td>
<td>Low</td>
</tr>
<tr>
<td>Electrical Conductivity</td>
<td>Low</td>
</tr>
<tr>
<td>Elongation / Tenacity</td>
<td>5.5 grams/denier</td>
</tr>
<tr>
<td>Young's Modulus</td>
<td>2500 ksi</td>
</tr>
</tbody>
</table>

SECTION IV - FIRE AND EXPLOSION HAZARD

Extinguishing Media: Water, fog, foam, carbon dioxide, dry chemical.

Special Fire Fighting Information: Combustion products are carbon dioxide and carbon monoxide. Combustion products will depend on conditions of combustion. Wear self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: Decomposition products generated from molten product may be subject to auto ignition.

SECTION V - HEALTH HAZARD DATA

Health Hazards (Acute and Chronic): None likely
Carcinogenicity: None likely
Signs and Symptoms of Exposure: None likely
Emergency and First Aid Procedures: Not required

SECTION VI - REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility (Materials to avoid): Oxidizing materials
Hazardous Decomposition or by-products: Carbon dioxide, carbon monoxide

SECTION VII - SPILL OR LEAK PROCEDURES

Release or Spill: Collect and contain for disposal.
Waste Disposal Method: Incineration or landfill. Observe all federal, state, and local disposal laws.

These products are not classified as hazardous wastes under the Resource Conservation And Recovery Act and, unless prohibited by state or local regulations, can be disposed of in municipal landfills or incinerated.
SECTION VIII - SPECIAL PROTECTION INFORMATION

Avoid eye contact. Safety glasses with side shields recommended.
Use cloth gloves in case of continuous contact.
Full length clothing suggested.
Normal hygiene measures such as washing hands recommended after use.
Adequate ventilation is recommended to maintain finish mist levels below 3mg/m³ per 8 hour TWA.

SECTION IX - TRANSPORTATION DATA

Department of Transportation: Not regulated
U.S. DOT Shipping Name: PET fiber for concrete
U.S. DOT Hazard Class: Not hazardous
NMFC Number: 106420 sub 8
Label(s) Required: None
Reportable Quantity: N/A
Freight Classification: Rate class 50
Special Transportation Notes: None

Signature: ____________________________
Ned Glysson

Title: Director of Research and Operations

Supercedes: 05/14/02
Revision Date: 11/13/06

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