SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade name</td>
<td>PEAK ANTI-RUST, RADIATOR SEALER &amp; PROTECTOR 14.5 FL.OZ.</td>
</tr>
<tr>
<td>Product code</td>
<td>PKF0AF, PKF0AF-01, PKF0AF-02</td>
</tr>
</tbody>
</table>

1.2. Relevant identified uses of the substance or mixture and uses advised against

| Use of the substance/mixture | Radiator Sealer |

1.3. Details of the supplier of the safety data sheet

Old World Industries, LLC
4065 Commercial Ave.
Northbrook, IL 60062
T 847-559-2000

1.4. Emergency telephone number

Emergency number : CHEMTREC 24 Hour 1-800-424-9300, 1-703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| Classification (GHS-US) | Skin Sens. 1 H317 |

2.2. Label elements

GHS-US labeling

| Hazard pictograms (GHS-US) | ! |
| Signal word (GHS-US) | Warning |
| Hazard statements (GHS-US) | H317 - May cause an allergic skin reaction |
| Precautionary statements (GHS-US) | P261 - Avoid breathing dust,fume,gas,mist,vapor spray P272 - Contaminated work clothing must not be allowed out of the workplace P280 - Wear protective gloves,protective clothing,eye protection,face protection P302+P352 - If on skin: Wash with plenty of soap and water P321 - Specific treatment: See section 4.1 on SDS P333+P313 - If skin irritation or rash occurs: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations. |

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions. |

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>(CAS No) 7732-18-5</td>
<td>≥ 95</td>
<td>Not classified</td>
</tr>
<tr>
<td>35/60 Mesh</td>
<td>(CAS No) Confidential</td>
<td>1 - 5</td>
<td>Not classified</td>
</tr>
<tr>
<td>Diatomaceous Earth, Uncalcined</td>
<td>(CAS No) 61790-53-2</td>
<td>1 - 5</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acrylic Polymer</td>
<td>(CAS No) Confidential</td>
<td>&lt; 1</td>
<td>Not classified</td>
</tr>
<tr>
<td>2,2′,2′′-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol</td>
<td>(CAS No) 4719-04-4</td>
<td>&lt; 1</td>
<td>Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317</td>
</tr>
</tbody>
</table>
The exact percentage is a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: If you feel unwell, seek medical advice.

Symptoms/injuries after inhalation: May cause an allergic skin reaction.

Symptoms/injuries after skin contact: May cause slight irritation. May cause moderate irritation. Itching. Skin rash/inflammation.

Symptoms/injuries after eye contact: Irritation of the eye tissue. May cause slight eye irritation. Inflammation/damage of the eye tissue. Redness of the eye tissue.

Symptoms/injuries after ingestion: May be harmful if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media


Unsuitable extinguishing media: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Remove ignition sources.

6.1.1. For non-emergency personnel

Protective equipment: Gloves. Safety glasses.

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment: Dam up the liquid spill. Contain released substance, pump into suitable containers. Plug the leak, cut off the supply.

Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid breathing dust, fume, gas, mist, vapor spray.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Proper grounding procedures to avoid static electricity should be followed. Comply with applicable regulations.

Storage conditions: Keep only in the original container in a cool, well ventilated place away from: Keep container closed when not in use.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

Follow Label Directions.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls: Local exhaust ventilation, vent hoods.

Personal protective equipment: Gloves. Safety glasses. Avoid all unnecessary exposure.

Hand protection: Wear protective gloves.

Eye protection: Chemical goggles or safety glasses.

Skin and body protection: Wear suitable protective clothing.

Respiratory protection: Wear appropriate mask.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid

Appearance: Liquid.

Color: Brown.

Odor: Mild.

Odor threshold: No data available

pH: No data available

Relative evaporation rate (butyl acetate=1): No data available

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: > 93.9 °C (Lowest Component)

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative vapor density at 20 °C: No data available

Relative density: 0.991

Solubility: Soluble in water.

Log Pow: No data available

Log Kow: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available
### Explosive properties
- No data available

### Oxidizing properties
- No data available

### Explosive limits
- No data available

### Other information
- VOC content: 0 %

#### SECTION 10: Stability and reactivity

**10.1. Reactivity**
No additional information available

**10.2. Chemical stability**
Not established.

**10.3. Possibility of hazardous reactions**
Not established.

**10.4. Conditions to avoid**
Direct sunlight. Extremely high or low temperatures.

**10.5. Incompatible materials**
Strong acids. Strong bases.

**10.6. Hazardous decomposition products**

#### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

- **Acrylic Polymer (Confidential)**
  - LD50 dermal rabbit: > 2000 mg/kg

- **2,2',2''-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)**
  - LD50 oral rat: 763 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
  - LD50 dermal rat: > 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
  - LC50 inhalation rat (mg/l): 0.371 mg/l/4h (Rat; Experimental value)

- **Skin corrosion/irritation:** Not classified
- **Serious eye damage/irritation:** Not classified
- **Respiratory or skin sensitization:** May cause an allergic skin reaction.
- **Germ cell mutagenicity:** Not classified
- **Carcinogenicity:** Not classified

- **Diatomaceous Earth, Uncalcined (61790-53-2)**
  - IARC group: 3
  - Reproductive toxicity: Not classified
  - Specific target organ toxicity (single exposure): Not classified
  - Specific target organ toxicity (repeated exposure): Not classified
  - Aspiration hazard: Not classified
  - Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.
  - Symptoms/injuries after inhalation: May cause an allergic skin reaction.
  - Symptoms/injuries after skin contact: May cause slight irritation. May cause moderate irritation. Itching. Skin rash/inflammation.
  - Symptoms/injuries after eye contact: Irritation of the eye tissue. May cause slight eye irritation. Inflammation/damage of the eye tissue. Redness of the eye tissue.
  - Symptoms/injuries after ingestion: May be harmful if swallowed and enters airways.

#### SECTION 12: Ecological information

**12.1. Toxicity**

- **Acrylic Polymer (Confidential)**
  - LC50 fish 1: 10 - 100 mg/l based on component data freshwater fish.
  - EC50 other aquatic organisms 2: 10 - 100 mg/l based on component data freshwater invertebrates.
PEAK ANTI-RUST, RADIATOR SEALER & PROTECTOR 14.5 FL.OZ.
Safety Data Sheet
according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Persistence and degradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,2',2&quot;-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)</td>
<td></td>
</tr>
<tr>
<td>LC50 fish 1</td>
<td>16.07 mg/l (96 h; Brachydanio rerio; GLP)</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>11.9 mg/l (48 h; Daphnia magna; GLP)</td>
</tr>
<tr>
<td>Threshold limit algae 1</td>
<td>6.66 mg/l (72 h; Desmodesmus subspicatus; GLP)</td>
</tr>
<tr>
<td>Threshold limit algae 2</td>
<td>1.56 mg/l (72 h; Desmodesmus subspicatus; GLP)</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

**PEAK ANTI-RUST, RADIATOR SEALER & PROTECTOR 14.5 FL.OZ.**

Persistence and degradability
Not established.

**DI - Water (7789-20-0)**

Persistence and degradability
Not established.

**Acrylic Polymer (Confidential)**

Persistence and degradability
Not established.

**35/60 Mesh (Confidential)**

Persistence and degradability
Not established.

**Diatomaceous Earth, Uncalcined (61790-53-2)**

Persistence and degradability
Biodegradability: not applicable.

Biochemical oxygen demand (BOD)
Not applicable

Chemical oxygen demand (COD)
Not applicable

ThOD
Not applicable

BOD (% of ThOD)
Not applicable

**2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)**

Persistence and degradability
Readily biodegradable in water.

**Water (7732-18-5)**

Persistence and degradability
Not established.

12.3. Bioaccumulative potential

**PEAK ANTI-RUST, RADIATOR SEALER & PROTECTOR 14.5 FL.OZ.**

Bioaccumulative potential
Not established.

**DI - Water (7789-20-0)**

Bioaccumulative potential
Not established.

**Acrylic Polymer (Confidential)**

Bioaccumulative potential
Not established.

**35/60 Mesh (Confidential)**

Bioaccumulative potential
Not established.

**Diatomaceous Earth, Uncalcined (61790-53-2)**

Bioaccumulative potential
No bioaccumulation data available.

**2,2',2"-(Hexahydro-1,3,5-Triazine-1,3,5-Triyl) Triethanol (4719-04-4)**

Log Pow
-4.67 (Calculated)

Bioaccumulative potential
Low potential for bioaccumulation (Log Kow < 4).

**Water (7732-18-5)**

Bioaccumulative potential
Not established.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information
Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations
Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to appropriate waste disposal facility, in accordance with local, regional, national, international regulations.

Ecology - waste materials
Avoid release to the environment.
**SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

<table>
<thead>
<tr>
<th>Classification</th>
<th>Not Regulated, Not Regulated, Not Regulated, Not Regulated, Not Regulated, Not Regulated,</th>
</tr>
</thead>
<tbody>
<tr>
<td>US DOT (ground)</td>
<td></td>
</tr>
<tr>
<td>ICAO/IATA (air)</td>
<td></td>
</tr>
<tr>
<td>IMO/IMDG (water)</td>
<td></td>
</tr>
</tbody>
</table>

**14.2. UN proper shipping name**

Proper Shipping Name (DOT): Not Regulated

**14.3. Additional information**

Other information: No supplementary information available.

**Overland transport**

No additional information available

**Transport by sea**

No additional information available

**Air transport**

No additional information available

**SECTION 15: Regulatory information**

**15.1. US Federal regulations**

<table>
<thead>
<tr>
<th>Acrylic Polymer (Confidential)</th>
<th>Immediate (acute) health hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA Section 311/312 Hazard Classes</td>
<td>Immediate (acute) health hazard</td>
</tr>
</tbody>
</table>

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

R43

Full text of R-phrases: see section 16

**15.2.2. National regulations**

No additional information available

**15.3. US State regulations**

**Acrylic Polymer (Confidential)**

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

**SECTION 16: Other information**

Other information: None.

Full text of H-phrases: see section 16:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitization Category 1</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H317</td>
<td>May cause an allergic skin reaction</td>
</tr>
</tbody>
</table>
PEAK ANTI-RUST, RADIATOR SEALER & PROTECTOR 14.5 FL.OZ.

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 1 - Must be preheated before ignition can occur.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health : 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability : 1 Slight Hazard
Physical : 0 Minimal Hazard
Personal Protection : B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this MSDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product.

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