SAFETY DATA SHEET

1. Identification

Material name: EXOAIR 110
Material: 584206 504

Recommended use and restriction on use
   Recommended use: Article
   Restrictions on use: Not known.

Manufacturer/Importer/Supplier/Distributor Information
Tremco U.S Sealants
3735 Green Road
Cleveland OH 44122
US

Contact person: EH&S Department
Telephone: 216-292-5000
Emergency telephone number: 1-800-424-9300 (US); 1-613-996-6666 (Canada)

2. Hazard(s) identification

Hazard Classification

Health Hazards
   Carcinogenicity Category 1A

Unknown toxicity - Health
   Acute toxicity, oral 20 %
   Acute toxicity, dermal 20 %
   Acute toxicity, inhalation, vapor 100 %
   Acute toxicity, inhalation, dust or mist 100 %

Unknown toxicity - Environment
   Acute hazards to the aquatic environment 100 %
   Chronic hazards to the aquatic environment 100 %

Label Elements

Hazard Symbol:

Signal Word: Danger
Hazard Statement: May cause cancer.
Precautionary Statement:
### 3. Composition/information on ingredients

#### Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxidized asphalt</td>
<td>64742-93-4</td>
<td>60 - 100%</td>
</tr>
<tr>
<td>Talc</td>
<td>14807-96-6</td>
<td>15 - 40%</td>
</tr>
<tr>
<td>Paraffinic distillate</td>
<td>64742-04-7</td>
<td>10 - 30%</td>
</tr>
</tbody>
</table>

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

### 4. First-aid measures

#### Ingestion:
Call a POISON CENTER/doctor/.../if you feel unwell. Rinse mouth.

#### Inhalation:
Move to fresh air.

#### Skin Contact:
Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

#### Eye contact:
Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

#### Most important symptoms/effects, acute and delayed

**Symptoms:**
May cause skin and eye irritation.

### Indication of immediate medical attention and special treatment needed

**Treatment:**
Symptoms may be delayed.

### 5. Fire-fighting measures

**General Fire Hazards:**
No unusual fire or explosion hazards noted.
Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** No data available.

**Methods and material for containment and cleaning up:** Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

**Notification Procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

### 7. Handling and storage

**Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Ventilate well, avoid breathing vapors. Use approved respirator if air contamination is above accepted level. Use mechanical ventilation in case of handling which causes formation of dust.

**Conditions for safe storage, including any incompatibilities:** Store locked up.

### 8. Exposure controls/personal protection

**Control Parameters**

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
</table>

800000060145
### Chemical name | type | Exposure Limit Values | Source
--- | --- | --- | ---
Talc - Respirable fraction. | TWA | 2 mg/m³ | US. ACGIH Threshold Limit Values (2011)
Talc | TWA | 20 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Talc - Respirable. | TWA | 2.4 millions of particles per cubic foot of air | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Talc | TWA | 0.1 mg/m³ | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Talc - Total dust. | TWA | 0.3 mg/m³ | US. OSHA Table Z-3 (29 CFR 1910.1000) (2000)
Paraffinic distillate - Mist. | PEL | 5 mg/m³ | US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

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<th>Chemical name</th>
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<th>Source</th>
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<tr>
<td>Talc - Respirable.</td>
<td>TWA</td>
<td>2 mg/m³</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (07 2007)</td>
</tr>
<tr>
<td>Talc - Respirable particles.</td>
<td>TWAEV</td>
<td>2 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Talc</td>
<td>TWAEV</td>
<td>2 fibers/mL</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td>Talc - Respirable dust.</td>
<td>TWA</td>
<td>3 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
</tr>
<tr>
<td>Paraffinic distillate - Mist.</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td>Canada. British Columbia OELs. (Occupational Exposure Limits for Chemical Substances, Occupational Health and Safety Regulation 296/97, as amended) (05 2013)</td>
</tr>
<tr>
<td>Paraffinic distillate - Mist.</td>
<td>TWAEV</td>
<td>5 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>10 mg/m³</td>
<td>Canada. Ontario OELs. (Control of Exposure to Biological or Chemical Agents) (11 2010)</td>
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<tr>
<td>Paraffinic distillate - Mist.</td>
<td>TWA</td>
<td>5 mg/m³</td>
<td>Canada. Quebec OELs. (Ministry of Labor - Regulation Respecting the Quality of the Work Environment) (12 2008)</td>
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Appropriate Engineering Controls
Mechanical ventilation or local exhaust ventilation may be required. Observe good industrial hygiene practices. Observe occupational exposure limits and minimize the risk of inhalation of dust.

Individual protection measures, such as personal protective equipment

General information: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances, such as poorly ventilated spaces, heating, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.

Eye/face protection: Wear safety glasses with side shields (or goggles).

Skin Protection
Hand Protection: Use suitable protective gloves if risk of skin contact.
Other: Wear suitable protective clothing.

Respiratory Protection: In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

Hygiene measures: Observe good industrial hygiene practices. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Appearance
Physical state: solid
Form: solid
Color: Black

Odor: Slight

Odor threshold: No data available.

pH: No data available.

Melting point/freezing point: No data available.

Initial boiling point and boiling range: > 93 °C > 200 °F

Flash Point: > 210 °C > 410 °F

Evaporation rate: No data available.

Flammability (solid, gas): No

Upper/lower limit on flammability or explosive limits
Flammability limit - upper (%): No data available.
Flammability limit - lower (%): No data available.
Explosive limit - upper (%): No data available.
Explosive limit - lower (%): No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Relative density: 1.2

Solubility(ies)
Solubility in water: Insoluble in water
Solubility (other): No data available.
Partition coefficient (n-octanol/water): No data available.
Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Viscosity: No data available.

10. Stability and reactivity

Reactivity: No data available.
Chemical Stability: Material is stable under normal conditions.
Possibility of Hazardous Reactions: No data available.
Conditions to Avoid: Avoid heat or contamination.
Incompatible Materials: No data available.
Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

11. Toxicological information

Information on likely routes of exposure
Ingestion: May be ingested by accident. Ingestion may cause irritation and malaise.
Inhalation: In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
Skin Contact: May be harmful in contact with skin.
Eye contact: Eye contact is possible and should be avoided.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral Product: No data available.
Dermal Product: ATEmix: 2,400 mg/kg
Inhalation Product: No data available.

Specified substance(s):
Oxidized asphalt LC 50 (Rat): > 94.4 mg/m3
Paraffinic distillate LC 50 (Rat, 4 h): > 5 mg/l
Repeated dose toxicity
Product: No data available.

Skin Corrosion/Irritation
Product: No data available.

Serious Eye Damage/Eye Irritation
Product: No data available.

Specified substance(s):
- Oxidized asphalt in vivo (Rabbit, 24 hrs): Not irritating
- Paraffinic distillate in vivo (Rabbit, 24 - 72 hrs): Not irritating

Respiratory or Skin Sensitization
Product: No data available.

Carcinogenicity
Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
- Oxidized asphalt Overall evaluation: Probably carcinogenic to humans.
- Talc Overall evaluation: Not classifiable as to carcinogenicity to humans. Overall evaluation: Possibly carcinogenic to humans.
- Paraffinic distillate Overall evaluation: Carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:
- Paraffinic distillate Known To Be Human Carcinogen.

- No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish
  Product: No data available.

Aquatic Invertebrates
  Product: No data available.

Chronic hazards to the aquatic environment:

Fish
  Product: No data available.

  Specified substance(s):
    Oxidized asphalt  LL 50 (Oncorhynchus mykiss, 28 d): > 1,000 mg/l QSAR
    Paraffinic distillate NOAEL (Oncorhynchus mykiss, 28 d): 20.01 mg/l QSAR

Aquatic Invertebrates
  Product: No data available.

Toxicity to Aquatic Plants
  Product: No data available.

Persistence and Degradability

Biodegradation
  Product: No data available.

BOD/COD Ratio
  Product: No data available.

Bioaccumulative Potential
  Bioconcentration Factor (BCF)
    Product: No data available.

  Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

### 13. Disposal considerations

**Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Contaminated Packaging:** No data available.

### 14. Transport information

**TDG:**
Not Regulated

**CFR / DOT:**
Not Regulated

**IMDG:**
Not Regulated

### 15. Regulatory information

**US Federal Regulations**

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**
None present or none present in regulated quantities.

None present or none present in regulated quantities.

**CERCLA Hazardous Substance List (40 CFR 302.4):**
None present or none present in regulated quantities.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
Delayed (Chronic) Health Hazard

**SARA 302 Extremely Hazardous Substance**
None present or none present in regulated quantities.
SARA 304 Emergency Release Notification
None present or none present in regulated quantities.

SARA 311/312 Hazardous Chemical

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<th>Threshold Planning Quantity</th>
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<tr>
<td>Oxidized asphalt</td>
<td>500 lbs</td>
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SARA 313 (TRI Reporting)
None present or none present in regulated quantities.

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)
None present or none present in regulated quantities.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):
None present or none present in regulated quantities.

US State Regulations

US. California Proposition 65
This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

US. New Jersey Worker and Community Right-to-Know Act

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US. Massachusetts RTK - Substance List

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US. Pennsylvania RTK - Hazardous Substances

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<tr>
<td>Paraffinic distillate</td>
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US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.

Other Regulations:

Regulatory VOC (less water and exempt solvent): 0 g/l
VOC Method 310: Not available.

Inventory Status:

Australia AICS: All components in this product are listed on or exempt from the Inventory.

Canada DSL Inventory List: All components in this product are listed on or
exempt from the Inventory.

EINECS, ELINCS or NLP:
One or more components in this product are not listed on or exempt from the Inventory.

Japan (ENCS) List:
One or more components in this product are not listed on or exempt from the Inventory.

China Inv. Existing Chemical Substances:
All components in this product are listed on or exempt from the Inventory.

Korea Existing Chemicals Inv. (KECI):
All components in this product are listed on or exempt from the Inventory.

Canada NDSL Inventory:
One or more components in this product are not listed on or exempt from the Inventory.

Philippines PICCS:
All components in this product are listed on or exempt from the Inventory.

US TSCA Inventory:
All components in this product are listed on or exempt from the Inventory.

New Zealand Inventory of Chemicals:
All components in this product are listed on or exempt from the Inventory.

Japan ISHL Listing:
One or more components in this product are not listed on or exempt from the Inventory.

Japan Pharmacopoeia Listing:
One or more components in this product are not listed on or exempt from the Inventory.

16. Other information, including date of preparation or last revision

Revision Date: 08/14/2015
Version #: 1.0
Further Information: No data available.
Disclaimer: For Industrial Use Only. Keep out of reach of children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.