SAFETY DATA SHEET

Product: 2330
Revision Date: 6/01/2015

1. MATERIAL IDENTIFICATION

Product Name: Aremco-Bond 2330
Product Description: Viscous Liquid, Red, Odorless
Product Use: High Temperature Industrial Silicone Elastomer
Manufacturer: Aremco Products, Inc.
707-B Executive Blvd.
Valley Cottage, NY 10989
Telephone: 845-268-0039
Emergency Phone: 845-268-0039 or Infotrac (24/7) 800-535-5053

2. HAZARDS IDENTIFICATION

GHS Classification:
None. This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Symbol:
No Pictogram Required

GHS Signal Word:
None

GHS Hazard Determining Component:
None

GHS Hazard Statements:
None

GHS Precautionary Statements - Prevention:
None

3. COMPOSITION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>Concentration</th>
<th>GHS Product Identifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silica, Quartz</td>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>30.0-60.0%</td>
<td>H319 Serious Eye Damage/Eye Irritation, Cat 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H335 STOT, SE; Respiratory Tract Irritation, Cat 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H373 STOT, RE; Respiratory Tract Irritation, Cat 3</td>
</tr>
<tr>
<td>Iron Oxide Red</td>
<td>1309-37-1</td>
<td>215-168-2</td>
<td>1.0-5.0%</td>
<td>H371 STOT, RE; Respiratory Tract Irritation, Cat 2</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

General Advise: If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Eye Exposure: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention, preferably with an ophthalmologist. If a physician is not immediately available, eye irrigation should be continued for an additional 15 minutes.

Skin Exposure: Immediately wipe excess material off skin with a dry cloth then wash with plenty of soap and water for at least 5 minutes. See medical attention if irritation develops or persists. Remove contaminated clothing and shoes and clean thoroughly before re-use.

Inhalation: Remove to fresh air. Call a physician. No first aid should be needed under normal use conditions.
**Ingestion:** Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do not induce vomiting.

**Medical Conditions Possibly Aggravated by Exposure:** Skin contact may aggravate existing skin disease.

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### 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Agents:** Use of water spray when fighting fire may be inefficient.

**Specific Hazards:** No information available.

**Explosion Data:** Sensitivity to Mechanical Impact: None. Sensitivity to Static Discharge: None.

**Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved positive pressure breathing apparatus with full face-piece and full chemical resistant protective clothing.

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### 6. ACCIDENTAL RELEASE MEASURES

**Personal Protection:** Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Ensure adequate ventilation, especially in confined areas.

**Spill Cleanup:** Absorb with liquid-binding material (sand, diatomite, universal binders, and sawdust). Prevent entry into waterways, sewers, basements or confined areas. Dispose of contaminated material according to local, state and federal regulations.

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### 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Use protective equipment as required. Wash contaminated clothing before reuse. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product.

**Storage:** Keep container tightly closed in a cool, dry, well-ventilated area.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>PEL (mg/m³)</th>
<th>TLV (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide, Quartz</td>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>0.1</td>
<td>0.1</td>
</tr>
<tr>
<td>Iron Oxide Red</td>
<td>1309-37-1</td>
<td>215-168-2</td>
<td>10</td>
<td>5</td>
</tr>
</tbody>
</table>

**Engineering Controls:** Use with adequate ventilation. Keep containers closed. Safety shower and eyewash fountain should be within direct access.

**Respiratory Protection:** No respiratory protection is required under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Skin Protection:** Wear body-covering protective clothing and gloves.

**Eye Protection:** Wear chemical goggles.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical here represent typical properties of this product. Contact Technical Sales for detailed specifications.

**Form:** Viscous Liquid

**Color:** Red

**Odor:** Negligible

**Odor Threshold:** No information available

**pH:** No information available

**Melting Point:** No information available

**Boiling Point:** No information available

**Flash Point:** > 356 °F (180 °C)

**Evaporation Rate:** No information available

**Flammability (Solid, Gas):** No information available

**Flammability Limits in Air:**
- Upper Limit – No information available
- Lower Limit – No information available
Vapor Density: No information available
Vapor Pressure: No information available
Water Solubility: No information available
Solubility in Other Solvents: No information available
Partition Coefficient: No information available
Auto Ignition Temperature: No information available
Decomposition Temperature: No information available
Kinematic Viscosity: No information available
Dynamic Viscosity: 40,000 mPa s
Explosive Properties: Not an explosive
Oxidizing Properties: This product is not an oxidizing agent
Specific Gravity, g/cc: 1.45

10. STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: This material is stable if handled and stored according to specifications.
Conditions to Avoid: Extreme temperatures and direct sunlight.
Incompatible Materials: None known based on information supplied.
Hazardous Reactions: None under normal processing.
Hazardous Decomposition Products: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Nitrogen Oxides, Metal Oxides, Formaldehyde, and Silicon Dioxide; Carbon Oxides and traces of incompletely burned Carbon Compounds.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data:
- Skin Contact: Conclusive but not sufficient for classification.
- Eye Contact: Conclusive but not sufficient for classification.
- Inhalation: Conclusive but not sufficient for classification.
- Ingestion: Conclusive but not sufficient for classification.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide, Quartz</td>
<td>14808-60-7</td>
<td>500 mg/kg (Rat)</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Iron Oxide Red</td>
<td>1309-37-1</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

Chronic Toxicity Data:
- Irritation: Conclusive but not sufficient for classification.
- Corrosivity: Conclusive but not sufficient for classification.
- Sensitization: Conclusive but not sufficient for classification.
- Mutagenic Effects: Conclusive but not sufficient for classification.
- Reproductive Effects: Conclusive but not sufficient for classification.
- Developmental Effects: Conclusive but not sufficient for classification.
- Aspiration Hazard: Conclusive but not sufficient for classification.
- STOT, SE: Conclusive but not sufficient for classification.
- STOT, RE: Eyes, Lungs, Skin.
- Carcinogenic Effects:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicon Dioxide, Quartz</td>
<td>A2</td>
<td>Group 1</td>
<td>Known</td>
<td>--</td>
</tr>
<tr>
<td>Iron Oxide Red</td>
<td>--</td>
<td>Group 3</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available.
Persistence & Degradability: No information available.
Bioaccumulative Potential: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: Dispose in accordance with federal, state and local regulations and permits.
14. TRANSPORTATION INFORMATION

DOT UN Status: This material is not a regulated hazardous material for transportation.

15. REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA: No CERCLA reportable quantity has been established for this material.

TSCA: All ingredients of this material are listed on the TSCA inventory.

SARA Title III

Sections 302, 304, 313: This product does not contain any substances reportable under these sections.

Sections 311, 312:

<table>
<thead>
<tr>
<th>Hazard Classes</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Reactivity Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Pressure Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Immediate Hazard</td>
<td>No</td>
</tr>
<tr>
<td>Delayed Hazard</td>
<td>No</td>
</tr>
</tbody>
</table>

International Inventory Status

<table>
<thead>
<tr>
<th>Country</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canada (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Europe (EINECS/ELINCS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Australia (AICS)</td>
<td>Yes</td>
</tr>
<tr>
<td>Japan (MITI)</td>
<td>Yes</td>
</tr>
<tr>
<td>South Korea (KECL)</td>
<td>Yes</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

NFPA Ratings (Scale 0–4)
- Health, 0
- Flammability, 1
- Reactivity, 0
- Personal Protection, H

HMIS Ratings (Scale 0–4)
- Health, 0
- Flammability, 1
- Reactivity, 0
- Personal Protection, H
Key Legend Information

ACGIH: American Conference of Governmental Industrial Hygienists
ARD: International Agency for Research on Cancer
CAS: Chemical Abstract Service
CERCLA: Comprehensive Environmental Response, Compensation & Liability Act
DSL: Domestic Substance List
EC: European Commission
HMIS: Hazardous Materials Identification System
IARC: International Agency for Research on Cancer
ND: Not Determined
NE: Not Established
NFPA: National Fire Protection Association
NIOSH: National Institute for Occupational Safety & Health
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PEL: Permissible Exposure Limit
RE: Repeat Exposure
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments & Reauthorization Act
SARA Title III: Emergency Planning & Community Right to Know Act
SARA Section 302: Extremely Hazardous Substances
SARA Section 304: Emergency Release
SARA Section 311: MSDS/List of Chemicals & Hazardous Inventory
SARA Section 312: Emergency & Hazardous Inventory
SARA Section 313: Toxic Chemicals & Release Reporting
SE: Single Exposure
STEL: Short Term Exposure Limit
STOT: Specific Target Organ Toxicity
TLV: Threshold Limit Value
TWA: Time Weighted Average

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