

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

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

4. FIRST AID MEASURES

General Advice: 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.

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.

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.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	CAS No.	EC No.	PEL (mg/m ³)	TLV (mg/m ³)
Silicon Dioxide, Quartz	14808-60-7	238-878-4	0.1	0.1
Iron Oxide Red	1309-37-1	215-168-2	10	5

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.

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.

Chemical Name	CAS No.	Oral LD50	Dermal LD50	Inhalation LC50
Silicon Dioxide, Quartz	14808-60-7	500 mg/kg (Rat)	--	--
Iron Oxide Red	1309-37-1	> 10000 mg/kg (Rat)	--	--

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:	

Chemical Name	ACGIH	IARC	NTP	OSHA
Silicon Dioxide, Quartz	A2	Group 1	Known	--
Iron Oxide Red	--	Group 3	--	--

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:

<u>Hazard Classes</u>	<u>Yes/No</u>
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

<u>International Inventory</u>	<u>Status</u>
Canada (DSL)	Yes
Europe (EINECS/ELINCS)	Yes
Australia (AICS)	Yes
Japan (MITI)	Yes
South Korea (KECL)	Yes

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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