

SAFETY DATA SHEET

Product: 529
Revision Date: 4/04/2016

1. MATERIAL IDENTIFICATION

Product Name: Aremco-Seal 529

Product Description: Clear Silicone Resin Solution, Solvent Odor
Product Use: High Temperature Liquid Sealant

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:

Skin Irritation Category 2
Eye Irritation Category 1
Flammable Liquid Category 3

GHS Symbols:



GHS Signal Word:

Warning

GHS Hazard Determining Component:

Silicone Resin
Methyl Ethyl Ketone

GHS Hazard Statements for Health Hazards:

H315 Causes skin irritation
H319 Causes eye irritation
H226 Flammable liquid and vapor

GHS Precautionary Statements - Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233 Keep container tightly closed.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/eye protection/face protection.

GHS Precautionary Statements - Response:

P303 + P361 + P353 IF ON SKIN: Remove contaminated clothing and rinse skin with water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a poison center or physician if you feel unwell.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

GHS Precautionary Statements - Storage & Disposal:

P403 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

3. COMPOSITION

Ingredient	CAS No.	EC No.	Concentration	GHS Product Identifier
Methyl Ethyl Ketone	78-93-3	201-159-0	10.0-30.0%	H225 Flammable Liquid, Cat 2 H319 Eye Irritation, Cat 2 H336 STOT, SE; Drowsiness / Dizziness, Cat 3
Silicone Resin Including:			70.0-90.0%	H226 Flammable Liquids, Cat 3 H315 Skin Irritation, Cat 2 H319 Eye Irritation, Cat 2
Xylene (10.0-25.0%)	1330-20-7	215-535-7		H226 Flammable Liquid, Cat 3 H312 Acute Toxicity, Skin, Cat 4 H332 Acute Toxicity, Inhalation, Cat 4 H315 Skin Corrosion/Irritation, Cat 2
1-Propanol, 2-Methyl- (2.5-5.0%)	78-83-1	201-148-0		H226 Flammable Liquids, Cat 3 H315 Skin Corrosion/Irritation, Cat 2 H318 Serious Eye Damage/Eye Irritation, Cat 1 H335 STOT, SE; Respiratory Tract Irritation, Cat 3 H336 STOT, SE; Narcotic Effects, Cat 3
Ethyl Benzene (2.5-5.0%)	100-41-4	202-849-4		H225 Flammable Liquid, Cat 2 H332 Acute Toxicity, Inhalation, Cat 4
Methanol (0.5-1.0%)	67-56-1	200-659-6		H225 Flammable Liquid, Cat 2 H301 Acute Toxicity, Oral, Cat 3 H311 Acute Toxicity, Skin, Cat 3 H331 Acute Toxicity, Inhalation, Cat 3 H370 STOT SE, Oral, Cat 1 H370 STOT SE, Skin, Cat 1 H370 STOT SE, Inhalation, Cat 1

4. FIRST AID MEASURES

After eye contact:	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.
After skin contact:	Immediately wipe excess material off skin with a dry cloth then wash with soap and water for at least 5 minutes.
After inhalation:	In case of inhalation due to <u>spray mist</u> , remove source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR).
After ingestion:	If swallowed, do not induce vomiting. If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.
Medical Conditions Possibly Aggravated by Exposure:	Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis. Skin contact may aggravate existing skin disease.

5. FIRE FIGHTING MEASURES

Flash Point:	77 °F (25 °C)
Flammable Limits:	Not measured.
Extinguishing Media:	Foam, carbon dioxide, dry powder, water spray.
Unsuitable Extinguishing Agents:	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. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later.
Unusual Fire and Explosion Hazards:	This material can release carbon monoxide, carbon dioxide, and silicon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection:	Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. Use NIOSH approved respirator where mist occurs.
Spill Cleanup:	Absorb with liquid-binding material (sand, diatomite, universal binders, and sawdust). Dispose of contaminated material according to local, state and federal regulations. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.
Environmental Protection:	Inform respective authorities in case product reaches water or sewage system. Do not allow to enter drainage system, surface or ground water.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with dry media. Promptly clean up spills.

Storage: Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources. Keep containers closed and well sealed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredient	CAS No.	EC No.	TLV (mg/m ³)	PEL (mg/m ³)
Methyl Ethyl Ketone	78-93-3	201-159-0	590	590
Silicone Resin Including:				
Xylene	1330-20-7	215-535-7	440	440
1-Propanol, 2-Methyl-	78-83-1	201-148-0	310	310
Ethyl Benzene	100-41-4	202-849-4	N/D	N/D
Methanol	67-56-1	200-659-6	270	270

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

Respiratory Protection: If exposure limits are exceeded and local ventilation is unavailable, a supplied-air respirator or a self-contained NIOSH-approved dust and mist respirator is 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 exact specifications.

Appearance: Liquid

Color: Clear-Straw

Odor threshold: No available information

Odor: Aromatic

pH: Not measured

Specific Gravity, g/cc: 1.05

Water Solubility: Insoluble

Melting Point Range: No available information

Boiling Point Range: No available information

Vapor Pressure: No available information

Vapor Density (air=1): No available information

VOC Content, g/l: 2.8 lbs/gal

Viscosity: 50-250 cP

Decomposition temperature: No available information

Auto-ignition temperature: No available information

Partition coefficient: No available information

Flash point: 77 °F

Flammability: Flammable

Evaporation rate: No available information

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable if handled and stored according to specifications.

Conditions to Avoid: No decomposition if handled and stored according to specifications.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Note: Due to the composition of the product it cannot be excluded that prolonged and repeated contact will result in irritation of the eyes. Proper use provided, no adverse health effects have been observed or have come to our attention.

Acute Toxicity Data: Not available

Chronic Toxicity Data: Not available

NTP Listing: Not listed

IARC Listing: Not listed

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not tested, but should not be allowed to enter soil or waterways.
Environmental Fate: Not tested.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

	<u>DOT</u>	<u>IATA</u>
Proper Shipping Name:	Coating Solution	Coating Solution
Hazard Class:	3	3
ID Number:	UN1139	UN1139
Packing Group:	III	III
Labels:	Flammable	Flammable

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


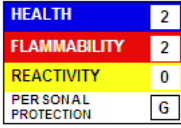
Sections 302, 304, 313: This product does not contain any substances reportable under these sections.

Sections 311, 312:

<u>Hazard Classes</u>	<u>Yes/No</u>
Fire Hazard	Yes
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	Yes
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, 2 Flammability, 2 Reactivity, 0 Personal Protection, G	
HMIS Ratings (scale 0 – 4)	Health, 2 Flammability, 2 Reactivity, 0 Personal Protection, G	

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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