

MATERIAL SAFETY DATA SHEET

Product: EZ-Cast 580-N-A Activator
Revision Date: 1/03/2012

1. MATERIAL IDENTIFICATION

Product Name: EZ-Cast 580-N-A Activator

Product Description: Silicone Elastomer Catalyst, Red Liquid
Product Use: Moldmaking

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. COMPOSITION

Ingredient	CAS #	ACGIH TLV (mg/m ³)	OSHA PEL (mg/m ³)
Vinyl Terminated PDMS	68951-99-5	N/D	N/D

* This material is not a "health hazard" as defined under the OSHA Hazard Communication Standard, 29 CFR 1910.1200 or S.A.R.A. Title III, Section 313.

3. HAZARDS IDENTIFICATION

Emergency Overview: May cause mild irritation to eyes and skin.
Eye Contact: May cause irritation to eyes.
Skin Contact: May cause irritation to skin.
Inhalation Acute: None known.
Ingestion Acute: Low ingestion hazard in normal use.
Chronic Hazards: No known chronic hazards. Not listed on NTP, IARC or OSHA as carcinogen.
Physical Hazards: Spilled material is slippery.

HMIS:

Health:	1
Flammability:	1
Reactivity:	0
Personal Protection:	C

4. FIRST AID MEASURES

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: No first aid should be needed but if affected by inhalation, remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

Ingestion: Not an expected route of entry but 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. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Medical Conditions Possibly Aggravated by Exposure: None known.

5. FIRE FIGHTING MEASURES

Flash Point: > 212 °F
Auto-Ignition Temperature: Not determined.
Flammable Limits: Not determined
Extinguishing Media: This material is compatible with all extinguishing media – dry chemical, foam, carbon dioxide, or water spray.
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: None known.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. No respiratory protection is required.
Spill Cleanup: Mop up liquid with a suitable absorbent and dispose in accordance with federal, state and local regulations or permits. Flush area with solvent and water to complete cleanup.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Promptly clean residue from closures. Promptly clean up spills.
Storage: Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources, heat, oxidizers and incompatibles. Keep containers closed. Store in clean plastic containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Normal ventilation for good working conditions should be used. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
Respiratory Protection: This product is not considered respirable in either the liquid or cured forms. In these instances, appropriate personal protection equipment and local ventilation controls must be employed.
Skin Protection: Wear body-covering protective clothing and gloves.
Eye Protection: Wear chemical goggles or face shield.
Note: These precautions are for room temperature handling. Use at elevated temperatures may require additional precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous Liquid
Color: Red
Odor: Odorless
pH: Not Determined
Specific Gravity, g/cc 0.97
Water Solubility: Negligible
Melting Point Range: Not Available
Boiling Point Range: > 260 °C (< 500 °F)
Vapor Pressure: Not Available
Vapor Density (air=1): Not Available
VOC Content, g/l: 0.00

10. STABILITY AND REACTIVITY

Chemical Stability: This material is stable under all conditions of use and storage.
Conditions to Avoid: None.
Materials to Avoid: Acids, bases and strong oxidizers can cause the liberation of hydrogen gas.
Hazardous Polymerization: Will not occur.
Hazardous Decomposition Materials: Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: nitrogen oxides, metal oxides, formaldehyde, silicon dioxide, carbon oxides, and traces of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data: Not available
Chronic Toxicity Data: Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not tested
Environmental Fate: Not tested
Physical/Chemical: Not tested

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

DOT UN Status: The 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:

Hazard Classes	Yes/No
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

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

16. OTHER INFORMATION

NFPA:	Health:	1
	Flammability:	1
	Reactivity:	0

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
HMIS	Hazardous Materials Identification System
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
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
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

Disclaimer: The information contained herein is based on data taken from sources believed to be both current and reliable at the time of publication. Arengo Products, Inc. makes no warranty, expressed or implied, as to the accuracy of this MSDS and assumes no liability arising from its use by others. Compliance with all applicable Federal, State and Local laws and regulations remains the responsibility of the user.

MATERIAL SAFETY DATA SHEET

Product: EZ-Cast 580-N-B Resin
Revision Date: 1/03/2012

1. MATERIAL IDENTIFICATION

Product Name: EZ-Cast 580-N-A Resin

Product Description: Silicone Elastomer Resin, Beige Viscous Liquid
Product Use: Moldmaking

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. COMPOSITION

Ingredient	CAS #	ACGIH TLV (mg/m ³)	OSHA PEL (mg/m ³)

* This material is not a "health hazard" as defined under the OSHA Hazard Communication Standard, 29 CFR 1910.1200 or S.A.R.A. Title III, Section 313.

3. HAZARDS IDENTIFICATION

Emergency Overview: May cause mild irritation to eyes.
Eye Contact: May cause irritation to eyes.
Skin Contact: None known.
Inhalation Acute: None known.
Ingestion Acute: Low ingestion hazard in normal use.
Chronic Hazards: No known chronic hazards. Not listed on NTP, IARC or OSHA as carcinogen.
Physical Hazards: Spilled material is slippery.

HMIS:

Health:	0
Flammability:	0
Reactivity:	0
Personal Protection:	C

4. FIRST AID MEASURES

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: No first aid should be needed but if affected by inhalation, remove from immediate source of exposure and assure that victim is breathing. If not breathing, administer cardio-pulmonary resuscitation (CPR). If breathing is difficult, administer oxygen if available. Seek medical attention.

Ingestion: Not an expected route of entry but 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. Do not leave victim unattended. To prevent aspiration of swallowed product, lay victim on side with head lower than waist. Vomiting may occur spontaneously. If vomiting occurs and the victim is conscious, give water to further dilute the chemical.

Medical Conditions Possibly Aggravated by Exposure: None known.

5. FIRE FIGHTING MEASURES

Flash Point: > 212 °F
Auto-Ignition Temperature: Not determined.
Flammable Limits: Not determined
Extinguishing Media: This material is compatible with all extinguishing media – dry chemical, foam, carbon dioxide, or water spray.
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: None known.

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear chemical goggles, body-covering protective clothing, chemical resistant gloves, and rubber boots. No respiratory protection is required.
Spill Cleanup: Mop up liquid with a suitable absorbent and dispose in accordance with federal, state and local regulations or permits. Flush area with solvent and water to complete cleanup.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Keep container closed. Promptly clean residue from closures. Promptly clean up spills.
Storage: Store in an area that is cool, dry, well ventilated, away from combustible material, and away from ignition sources, heat, oxidizers and incompatibles. Keep containers closed. Store in clean plastic containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Normal ventilation for good working conditions should be used. Keep containers closed. Safety shower and eyewash fountain should be within direct access.
Respiratory Protection: This product is not considered respirable in either the liquid or cured forms. In these instances, appropriate personal protection equipment and local ventilation controls must be employed.
Skin Protection: Wear body-covering protective clothing and gloves.
Eye Protection: Wear chemical goggles or face shield.
Note: These precautions are for room temperature handling. Use at elevated temperatures may require additional precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Viscous Liquid
Color: Beige
Odor: Odorless
pH: Not Determined
Specific Gravity, g/cc 1.33
Water Solubility: Negligible
Melting Point Range: Not Available
Boiling Point Range: > 260 °C (< 500 °F)
Vapor Pressure: Not Available
Vapor Density (air=1): Not Available
VOC Content, g/l: 0.00

10. STABILITY AND REACTIVITY

Chemical Stability:	This material is stable under all conditions of use and storage.
Conditions to Avoid:	None.
Materials to Avoid:	Strong oxidizers may cause a reaction.
Hazardous Polymerization:	Will not occur.
Hazardous Decomposition Materials:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: nitrogen oxides, metal oxides, formaldehyde, silicon dioxide, carbon oxides, and traces of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data:	Not available
Chronic Toxicity Data:	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Not tested
Environmental Fate:	Not tested
Physical/Chemical:	Not tested

13. DISPOSAL CONSIDERATIONS

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

DOT UN Status:	The material is not a regulated hazardous material for transportation.
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15. REGULATORY INFORMATION

U.S. Federal Regulations

CERCLA:	No CERCLA reportable quantity has been established for this material.
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TSCA:	All ingredients of this material are listed on the TSCA inventory.
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SARA Title III

Sections 302, 304, 313:	This product does not contain any substances reportable under these sections.
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Sections 311, 312:

Hazard Classes	Yes/No
Fire Hazard	No
Reactivity Hazard	No
Pressure Hazard	No
Immediate Hazard	No
Delayed Hazard	No

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

16. OTHER INFORMATION

NFPA:	Health:	0
	Flammability:	0
	Reactivity:	0

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
HMIS	Hazardous Materials Identification System
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
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
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SARA Section 313	Toxic Chemicals & Release Reporting
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

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