

GLENDO LLC

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

MATERIAL NAME: ALUMILITE QUICK-SET

TRADE NAME: Alumilite Quick-Set
PART NUMBERS: 022-279
DISTRIBUTOR'S NAME: Glendo LLC
ADDRESS: 900 Overlander Road, Emporia, KS 66801
PHONE: (620) 343-1084

2. COMPOSITION / INFORMATION ON INGREDIENTS

Alumilite Quick-Set Rubber Base

COMMON CHEMICAL NAME: Dimethyl Silicone Polymer

SYNONYMS: N/A

CHEMICAL FAMILY: Silicone

MOLECULAR WEIGHT: Not Established

CHEMICAL NAME	CAS #	AMOUNT
POLYDIMETHYLSILOXANE	70131-67-8	50-60
ETHYL POLYSILICATE	11099-06-2	5-8
CALCIUM CARBONATE	1317-65-3	35-45

CALCIUM CARBONATE IS CONSIDERED HAZARDOUS WHEN IT IS PRESENT IN DUST OR POWDERED FORM. IT IS INCORPORATED IN THIS LIQUID PRODUCT AND PRESENTS NO DUST HAZARD UNLESS GROUND OR SANDED.

Alumilite Quick-Set Catalyst

COMMON CHEMICAL NAME: Tin Base Catalyst

SYNONYMS: N/A

CHEMICAL FAMILY: N/A

MOLECULAR WEIGHT: Not Established

CHEMICAL NAME	CAS #	AMOUNT
POLYDIMETHYLSILOXANE	63148-62-9	>65
DIMETHYLPOLYSILOXANE	70131-67-9	>25
ALKYL TIN CARBOXYLATE	43136-18-1	<5
DI-N-BUTYL TIN DILUARATE	77-58-7	<2%

All products are not listed as Carcinogen in NTP, IARC, or OSHA 1910(z)

3. HAZARDS IDENTIFICATION

Alumilite Quick-Set Rubber Base

COLOR: White

FORM/APPEARANCE: Viscous Liquid

ODOR: Slight odor

ODOR INTENSITY: Slight

EYE CONTACT: Direct contact may cause irritation, redness, and swelling.

SKIN CONTACT: No significant irritation expected from a single short-term exposure.

ACUTE INHALATION: No significant effects expected from a single short-term exposure.

INGESTION: Low ingestion hazard in normal use.

Alumilite Quick-Set Catalyst

COLOR: Yellow

FORM/APPEARANCE: Liquid

ODOR: No odor

ODOR INTENSITY: N/A

EMERGENCY OVERVIEW: Danger! Harmful or fatal if swallowed. Harmful if mist inhaled. High vapor concentrations may cause drowsiness. May cause skin and eye irritation.

EYE CONTACT: Direct contact may cause irritation, redness, and swelling.

SKIN CONTACT: Direct contact may cause irritation.

ACUTE INHALATION: Mist may injure the respiratory system. Risk of exposure to hazardous concentrations of vapor under normal working conditions is minimal. Conditions such as spraying where the product becomes atomized and can be inhaled, should be avoided.

INGESTION: Ingestion may cause malaise, discomfort, convulsions, diarrhea, and possible death if not treated. Never give anything by mouth to an unconscious person.

4. FIRST AID MEASURES

Alumilite Quick-Set Rubber Base

EYE CONTACT: Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.

SKIN CONTACT: No first aid should be needed.

INHALATION CONTACT: No first aid should be needed.

INGESTION CONTACT: No first aid should be needed. Induce vomiting with finger if large amounts are ingested.

COMMENTS: Treat symptomatically.

Alumilite Quick-Set Catalyst

EYE CONTACT: Flush with large amounts of clean water for 15 minutes. If irritation persists, get medical attention.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INHALATION CONTACT: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

INGESTION CONTACT: Do not induce vomiting! Do not give liquids! Get medical attention immediately. Remove stomach contents by gastric suction only as directed by medical personnel.

5. FIRE, EXPLOSION DATA AND MEASURES

Alumilite Quick-Set Rubber Base

EXTINGUISHING MEDIA: On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide (CO₂), dry chemical, or water spray. Water can be used to cool fire-exposed containers.

FIRE FIGHTING INSTRUCTIONS: Firefighters should be equipped with self-contained breathing apparatus and protective clothing. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

FLASH POINT: >480°F

AUTOIGNITION TEMP: N/A

Alumilite Quick-Set Catalyst

EXTINGUISHING MEDIA: Water spray, foam, carbon dioxide, or dry chemical

FIRE FIGHTING INSTRUCTIONS: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Use water spray to cool fire exposed surfaces and to protect personnel. Wear structural fire fighting gear.

FLASH POINT: <450°F

AUTOIGNITION TEMP: N/A

6. ACCIDENTAL RELEASE MEASURES

Alumilite Quick-Set Rubber Base

GENERAL: For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws and regulations.

Alumilite Quick-Set Catalyst

GENERAL: Spills should be contained, soaked up with absorbent material, and placed in suitable containers for disposal at a licensed facility.

WASTE DISPOSAL: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

7. HANDLING AND STORAGE

Alumilite Quick-Set Rubber Base

HANDLING: Use with adequate ventilation. Product evolves n-propyl alcohol when exposed to water or humid air. Provide ventilation during use to control n-propyl alcohol within exposure guidelines or use respiratory protection. Avoid eye contact.

STORAGE: Store away from oxidizing materials.

Alumilite Quick-Set Catalyst

HANDLING: Avoid breathing mist or vapors and repeated or prolonged exposure with skin. Avoid eye contact. Do not drink.

STORAGE: Store and use in well ventilated area between 70-80°F. Avoid excessive temperatures, low or high. Avoid moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Alumilite Quick-Set Rubber Base

CLOTHING: Gloves, coveralls, apron, boots as necessary to prevent skin contact.

EYES: Chemical goggles.

RESPIRATION: Should not be needed.

VENTILATION: General ventilation.

Alumilite Quick-Set Catalyst

CLOTHING: Gloves, coveralls, apron, boots as necessary to prevent skin contact.

EYES: Chemical goggles; also wear face shield if splashing hazard exists.

RESPIRATION: Approved organic vapor mist respirator as necessary.

VENTILATION: Use local exhaust to control vapors/mists.

9. PHYSICAL AND CHEMICAL PROPERTIES

Alumilite Quick-Set Rubber Base

COLOR: White

FORM: Viscous Liquid

ODOR: Slight odor

ODOR INTENSITY: Slight

SPECIFIC GRAVITY: 1.2 (at 25°C)

VISCOSITY: 14,000 mPa's

BOILING PT: >300°F

FREEZING PT: N/A

SOLUBILITY: N/A

Alumilite Quick-Set Catalyst

COLOR: Light yellow

FORM: Liquid

ODOR: No Odor

ODOR INTENSITY: N/A

SPECIFIC GRAVITY: .99

BOILING PT: >300°F

FREEZING PT: N/A

SOLUBILITY: None

10. STABILITY AND REACTIVITY

Alumilite Quick-Set Rubber Base

STABILITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBILITY: Oxidizing material can cause a reaction.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Carbon oxides, carbon compounds, silicon dioxide, metal oxides, quartz, & formaldehyde.

Alumilite Quick-Set Catalyst

STABILITY: Stable

CONDITIONS TO AVOID: Burning

INCOMPATIBILITY: Mineral acids and oxidizing agents

HAZARDOUS DECOMPOSITION: Burning, heating, or a reaction from other materials, carbon monoxide in fire, carbon dioxide in fire, or irritating and toxic fumes at elevated temperatures.

11. TOXICOLOGICAL INFORMATION

Alumilite Quick-Set Rubber Base

No applicable data for this section.

Alumilite Quick-Set Catalyst

No applicable data for this section.

12. ECOLOGICAL INFORMATION

Alumilite Quick-Set Rubber Base

ECOTOXICITY CLASSIFICATION CRITERIA

HAZARD PARAMETERS (LC50 OR EC50)	HIGH	MEDIUM	LOW
ACUTE AQUATIC TOXICITY (MG/L)	<=1	>1 and <=100	>100
ACUTE TERRESTRIAL TOXICITY	<=100	>100 and <=2000	>2000

Alumilite Quick-Set Catalyst

No applicable data for this section.

13. DISPOSAL CONSIDERATIONS

Alumilite Quick-Set Rubber Base

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws and regulations.

Alumilite Quick-Set Catalyst

WASTE DISPOSAL: Incinerate or bury in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

CONTAINER DISPOSAL: Steel drums must be emptied (as defined by RCRA, Section 261.7 or state regulations that may be more stringent) and can be sent to a licensed drum reconditioner for reuse, a scrap metal dealer, or an approved landfill. Drums destined for a scrap dealer or landfill must be punctured or crushed to prevent reuse.

14. TRANSPORT INFORMATION***Alumilite Quick-Set Rubber Base***

Not regulated by the Department of Transportation.

Alumilite Quick-Set Catalyst

Not regulated by the Department of Transportation.

15. REGULATORY INFORMATION***Alumilite Quick-Set Rubber Base*****SECTION 313 TOXIC CHEMICALS:**

CHEMICAL: Alumina Hydrate

CAS: 21645-51-2

AMOUNT: 7%

HAZARDOUS RATING:

HEALTH HAZARD: 0

FIRE HAZARD: 1

REACTIVITY: 0

Alumilite Quick-Set Catalyst

No Data Available.

16. OTHER INFORMATION

The information contained herein is based on data considered to be accurate; however, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Vendor assumes no responsibility for injury to vendee or third party persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the material safety data sheet.

Additionally, vendor assumes no responsibility for injury to vendee or third party persons proximately caused by abnormal use of this material even if reasonable safety procedures are followed.

Vendee assumes the risk in use of this material.

CREATION DATE	CREATED BY	
03/21/2013	R. Fessler	
REVISION DATE	REVISED BY	REASON FOR REVISION
08/13/2014	R. Fessler	Content Review