



MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT AND COMPANY IDENTIFICATION

Identity: SAKRETE® SET ACCELERATOR, 1.5#

Manufacturer's Name & Emergency Telephone Numbers:

BASALITE Concrete Products, LLC

605 Industrial Way
Dixon, CA 95620
(707) 678-1901

11888 West Linne Road
Tracy, CA 95376
(209) 833-3670

2600 Boeing Way
Carson City, NV 89701
(775) 882-9336

MSDS Information Telephone Number: (916) 631-6574

SECTION II - PRODUCT & COMPONENT DATA

Composition

CAS Number

Calcium Aluminate Cement*

65997-16-2

* No known hazardous ingredients. Calcium aluminate cements are not listed by OSHA (29 CFR 1910.1000, Table 23), MSHA (30 CFR 55.1-1, Ref. 2, ACGIHTLV's for 1973, Appendix E), and ACGIH (TLV's for 1984-5, Appendix D) but are similar in character to portland cements as nuisance dust. They are neither hazardous or toxic. Calcium aluminate cements are NOT listed by NTP, IARC, or OSHA as containing carcinogens. California & New Jersey Residents see attachment.

SECTION III - HEALTH HAZARD and FIRST AID INFORMATION

CHRONIC HAZARDS:

Primary Route of Exposure: Inhalation

Exposure Limits:

Particulates or Dust: TLV - 10mg/m³ (total particulate) or 3mg/m³ (respirable particulate), not otherwise classified; OSHA PEL.= 15 mg/m³ (total particulate, not otherwise regulated). OSHA PEL = 5 mg/m³ (respirable particulate, not otherwise regulated).

ACGIH and OSHA have determined that adverse effects are not likely to occur in the workplace provided exposure levels do not exceed the appropriate TLVs/PELs. However, because of the wide variation in individual susceptibility, lower exposure limits may be appropriate for some individuals, including persons with pre-existing medical conditions such as those described below.

Abbreviations: TLV = threshold limit value of the American Conference of Governmental Industrial Hygienists (ACGIH); OSHA PEL = permissible exposure limit of the Occupation Safety and Health Administration (OSHA); mg/m³ = milligrams of substance per cubic meter of air.

SUBCHRONIC AND CHRONIC HEALTH EFFECTS:

Cement dust can cause inflammation of the lining tissue of the interior of the nose and inflammation of the cornea. Hypersensitive individuals may develop an allergic dermatitis. Cement may contain trace (less than 0.05%) amounts of chromium salts or compounds including hexavalent chromium, or other metals found to be hazardous or toxic in some chemical forms. These metals are mostly present as trace substitutions within the principal minerals.

ACUTE HAZARDS:

Eye & Skin Contact: Contact with dust may cause irritation and mechanical abrasion.

Skin Absorption: Not expected to be a significant exposure route.

Ingestion: Expected to be practically non-toxic. Ingestion of large amounts may cause gastrointestinal irritation and blockage.

Inhalation: Inhalation of dusts may irritate the nose, throat, and upper respiratory tract by mechanical abrasion. Coughing, sneezing, and shortness of breath may occur following exposures in excess of appropriate exposure limits.

FIRST AID:

Eyes: Immediately flush eye(s) with plenty of clean water for at least 15 minutes, while holding the eyelid(s) open. Occasionally lift the eyelid(s) to ensure thorough rinsing. Beyond flushing, do not attempt to remove material from the eye(s). If irritation or inflammation develops, seek prompt medical attention.

Skin: Wash exposed skin areas with soap and water. If irritation develops, seek prompt medical attention.

Ingestion: Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. See a medical doctor.

Inhalation: Remove to fresh air. Dust in throat and nasal passages should clear spontaneously. If breathing difficulty or discomfort occurs and persists, obtain medical attention.

NOTES TO MEDICAL DOCTOR: Lithium carbonate has low toxicity but may produce moderate irritation due to its alkalinity. Gastric lavage may be preferable to remove exposure. Treatment is symptomatic and supportive.

SECTION IV - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	NA	Specific Gravity (H ₂ O = 1):	2.6
Vapor Pressure (mm Hg):	NA	Melting Point:	NA
Vapor Density (Air = 1):	NA	Evaporation Rate:	
Solubility in Water:	0	(Butyl Acetate = 1)	NA
Appearance and Odor:	Vitrified solid, essentially odorless, wide range of colors		

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NA	Flammable Limits: NA	LEL: NA	UEL: NA
Extinguishing Media: NA	Special Fire Fighting Procedures: None		
Unusual Fire and Explosion Hazards: None			

SECTION VI - REACTIVITY DATA

Stability: Product is stable. Keep dry until used. Conditions to Avoid: Contact with acids.
Incompatibility (Materials to Avoid): Acids.
Hazardous Decomposition or Byproducts: None known
Hazardous Polymerization: Will not occur. Conditions to Avoid: None

SECTION VII - PERSONAL PROTECTION AND CONTROL MEASURES

RESPIRATORY PROTECTION: To minimize exposure to dust, use NIOSH/MSHA approved respirators must be worn in accordance with a respiratory protection program which meets OSHA requirements as set forth at 29 CFR 1910.134 and ANSI Z88.2-1080 "Practices for Respiratory Protection."

SKIN PROTECTION: Use gloves and/or protective clothing if abrasion or allergic reactions are experienced.

EYE PROTECTION: Use safety glasses with side shields. Dust goggles should be worn when excessively (visible) dusty conditions are present or are anticipated.

LOCAL EXHAUST: When using Fast Set Accelerator, use sufficient local exhaust to reduce the level of respirable dust to the applicable standards set forth in Section III. See ACGIH "Industrial Ventilation, A Manual of Recommended Practice," latest edition.

SAFETY MEASURES: Wear hard hats and/or steel-toed safety shoes if bags may fall from an elevation or be dropped during handling.

WORK/HYGIENIC PRACTICES: Avoid creating and breathing dust.

SECTION VIII - HANDLING AND STORAGE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use adequate ventilation, dustless vacuum or cleanup systems for handling, storage, and clean-up so that airborne dust does not exceed the PEL. Do not permit dust to collect on walls, floors, sills, ledges, machinery, or equipment. Maintain, clean, and fit test respirators in accordance with OSHA standards. Maintain and test ventilation and dust collection equipment. Wash or vacuum clothing which has become dusty. See also control measures in Section VII.

WASTE DISPOSAL METHOD: This material is classed as a non-hazardous solid waste for disposal.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None for normal handling and storage of intact bags. This product is not intended or designed for use as an abrasive blasting medium or for foundry applications and should not be used for those purposes. Do not store near food and beverages or smoking materials.

OTHER REGULATIONS: Community Right-To-Know = this product is not subject to the reporting requirements of the Emergency Planning and Community Right-To-Know Act of 1986 (EPCRA) [40 CFR 370 and 372].

TRANSPORTATION: DOT Hazard Classification: Not Regulated
Placard Required: None.

UN/NA Code: None
Labeling Requirement: None.

SECTION IX - OTHER INFORMATION

The information and recommendations contained herein are based upon the data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful health effects that may be caused by exposure to airborne dust particles created when using this product. Customers/users of SAKRETE® Set Accelerator must comply with all applicable health and safety laws, regulations, and orders.

MSDS STATUS: Revision 1
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