

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Strong-Seal Quick Level Plus

GENERAL USE: To level depressions in roof decks.

PRODUCT DESCRIPTION: A blend of aggregates and additives which enhance performance and workability.



MANUFACTURER'S NAME
The Strong Company, Inc.

DATE PREPARED: September 18, 2008
SUPERCEDES: -

Page 1 of 4

ADDRESS
4505 Emmett Sanders Road

TELEPHONE NUMBER FOR INFORMATION
(870) 535-7617

Pine Bluff, AR 71601

EMERGENCY TELEPHONE NUMBER
1(800) 982-8009

DISTRIBUTOR'S NAME

ADDRESS

TELEPHONE NUMBER FOR INFORMATION

EMERGENCY TELEPHONE NUMBER

SECTION 2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	Weight %	OSHA PEL		ACGIH TLV
			Total Dust	Respirable Dust	TWA
Fly Ash	68131-74-8	proprietary	15 mg/m ³	5mg/m ³	10 mg/m ³
Perlite	93763-70-3	proprietary	15 mg/m ³	5 mg/m ³	10 mg/m ³
Crystalline Silica (Quartz)	14808-60-7	<10%	-	0.10 mg/m ³	0.05 mg/m ³
Proprietary Formula Enhancing Additives	varies	<5%	15 mg/m ³	5 mg/m ³	10 mg/m ³

Refer to OSHA Table Z-3 or ACGIH Appendix E for determining the PEL or TLV for mixtures containing crystalline silica above 1.0%.

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Inhalation may cause irritation of the mucous membranes of the nose, throat or upper respiratory system or may aggravate certain lung diseases.

POTENTIAL HEALTH EFFECTS

INHALATION: May cause irritation of the mucous membranes of the nose, throat or upper respiratory system. This product also contains crystalline silica (quartz) which is a known cause of silicosis, a progressive lung disease that may be fatal, and may cause cancer by inhalation in industrial applications.

SKIN: May cause drying of the skin with mild irritation. Use moisture renewing lotions if irritation and dryness persists.

EYES: May cause moderate to severe irritation of the eyes.

INGESTION: No known adverse health effects have been identified from ingested fly ash or perlite.

HEALTH HAZARDS (ACUTE AND CHRONIC): No known long term health effects have been identified for this product. Chronic – crystalline silica (quartz) is a known cause of silicosis and is considered carcinogenic by inhalation by NTP and IARC.

CARCINOGENICITY: This product contains crystalline silica (quartz) that was rated a Group 1 carcinogen by inhalation by the International Agency for Research on Cancer (IARC) and "reasonably anticipated to be a carcinogen" by the National Toxicology Program (NTP).

MEDICAL CONDITIONS GENERALLY AGGREGATED BY EXPOSURE: Upper respiratory conditions such as asthma or emphysema may be aggravated by inhalation of dust generated by the product.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Strong-Seal Quick Level Plus
Date prepared: September 18, 2008

Page 2 of 4

SECTION 4 – FIRST AID MEASURES

INHALATION: Remove to fresh air. If breathing difficulty occurs, administer oxygen. Seek medical help if coughing and other medical symptoms do not subside.

SKIN: Wash skin with soap and water. Applying moisture renewing lotions to dry, irritated skin. Seek medical attention in all cases of severe irritation.

EYES: Immediately flush eyes with copious quantities of water. Continue flushing for 15 minutes including under the lids to remove all particles. Call a physician immediately.

INGESTION: Do not induce vomiting. If conscious, have the victim drink plenty of water and call a physician immediately.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)	N/A	FLAMMABLE LIMITS	LEL:	N/A	UEL:	N/A
		AUTOIGNITION TEMPERATURE: N/A				

GENERAL HAZARDS: Is not hazardous during fire fighting procedures; however the product contains less than 5% organic substances that may produce carbon dioxide, carbon monoxide, ammonia or oxides of sulfur.

EXTINGUISHING MEDIA: Product is non-combustible but carbon dioxide, water, dry chemical, or chemical foam may be used should smoldering occur.

FIRE FIGHTING PROCEDURES: No special procedures required.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No unusual hazards.

HAZARDOUS COMBUSTION PRODUCTS: Small quantities of smoke, fumes, and oxides of carbon, ammonia or sulfur may be released.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Although this material is not considered hazardous under RCRA (40 CFR Part 261), do not discharge waste into lakes, ponds, streams, or waterways. Avoid creating dust. Use adequate ventilation and dust collection.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid creating dust. Repair or properly dispose of broken bags. Store in a dry place.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

Use local exhaust to reduce dust concentrations to levels below the OSHA PEL or the ACGIH TLV. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation systems.

PERSONAL PROTECTION

RESPIRATORY PROTECTION: If dust levels exceed the OSHA PEL or ACGIH TLV, respiratory protection such as dust masks are recommended. Dust masks certified to standard 42 CFR Part 84, series N95 are considered adequate.

PROTECTIVE GLOVES: Not required, but this product may be irritating to the skin and gloves will help reduce the irritating or drying effect if skin contact occurs. Use moisture renewing lotions before and after use to retard drying effects.

EYE PROTECTION: Wear tight fitting safety goggles to prevent contact with the eyes.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required.

WORK/HYGIENIC PRACTICES: Avoid creating dust. Avoid contact with skin and eyes.

MATERIAL SAFETY DATA SHEETPRODUCT NAME: Strong-Seal Quick Level Plus
Date prepared: September 18, 2008

Page 3 of 4

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE (mm Hg) N/A	VAPOR DENSITY (AIR=1) N/A
SPECIFIC GRAVITY (WATER=1) mixture - varies	EVAPORATION RATE (WATER=1) N/A
SOLUBILITY IN WATER <5%	FREEZING POINT N/A
Ph 9-11 (10% slurry in water)	APPEARANCE AND ODOR Odorless tan to brown powder
BOILING POINT N/A	PHYSICAL STATE Solid (Powder)
VISCOSITY N/A	VOLATILE ORGANIC COMPOUNDS N/A

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: STABLE: X UNSTABLE:	CONDITIONS TO AVOID: Unintentional contact with water.
INCOMPATIBILITY (MATERIALS TO AVOID): Silica found in perlite or flyash is incompatible with hydrofluoric acid.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None.	
HAZARDOUS POLYMERIZATION: MAY OCCUR: WILL NOT OCCUR: X	

SECTION 11 – TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENT	CAS #	LD50 (Specify species & route)	LC50 (Specify species)
Fly Ash	68131-74-8	Not determined	Not determined
Perlite	93763-70-3	Not determined	Not determined
Crystalline Silica (Quartz)	14808-60-7	Not determined	Not determined
Proprietary Formula Enhancing Additives	varies	Not determined	Not determined

SECTION 12 – ECOLOGICAL INFORMATION

No data available on the adverse effects of this material on the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Not considered a hazardous waste under RCRA 40 CFR Part 261. Dispose of in accordance with Local, State and Federal Regulations.

SECTION 14 – TRANSPORT INFORMATION

Not considered to be hazardous under U.S. Department of Transportation (DOT) regulations.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Strong-Seal Quick Level Plus
Date prepared: September 18, 2008

PAGE 4 OF 4

SECTION 15 – REGULATORY INFORMATION

OSHA Hazard Communication Standard

The components of this product are considered hazardous chemicals under this regulation and should be included in an employer's Hazard Communication Program.

CERCLA/Superfund 40 CFR 117 and 302

Not listed

SARA Title III Sections 311 and 312

Crystalline silica qualifies as hazardous substances with delayed health effects.

SARA Title III Section 313

Not subject to reporting requirements under Section 313

TSCA Inventory

Most of the components of this product are listed in the TSCA Inventory

California Proposition 65

This product contains substances known to the state of California to cause cancer. This product may also contain trace amounts of heavy metals or organic compounds known to the State of California to cause cancer, birth defects, or other reproductive toxins.

SECTION 16 – OTHER INFORMATION

HMIS HAZARD RATINGS:

HEALTH - 1

FLAMMABILITY - 0

PHYSICAL HAZARD - 0

REACTIVITY - 0

PERSONAL PROTECTIVE EQUIPMENT - E

0 = Insignificant

1 = Slight

2 = Moderate

3 = High

4 = Extreme

* = Chronic Health Hazard

(E = SAFETY GLASSES, GLOVES, DUST RESPIRATOR)

The information provided herein by the Strong Company is believed to be accurate at the time of preparation or prepared from sources believed to be reliable. Users have the responsibility to comply with all health and safety laws, as well as environmental regulations when using this product, and should determine the suitability of the product for its intended use. Seller makes no warranty, express or implied, concerning the product or the merchantability or fitness thereof for any purpose or concerning the accuracy of information provided by the Strong Company.