



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product name D60481
MSDS name CHEM CALK FRP ADH 4 GAL
CAS # Mixture
Product use Installation of FRP Wall Panels
Generic description Vinyl/Acrylic Caulk
Manufacturer Bostik, Inc.
211 Boston Street
Middleton, MA 01949 USA
24 hour emergency assistance Telephone: 1-800-227-0332
General assistance Telephone: 1-978-777-0100
MSDS assistance Telephone: 1-414-607-1347

2. Hazards Identification

Emergency overview Extended contact with this material may cause irritation to the skin, eyes, and mucous membranes. Primary Routes of Exposure: eyes, skin, and inhalation.

Potential health effects

Eyes May cause irritation with temporary redness with stinging and tearing.

Skin Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.

Inhalation Inhalation: Inhalation of mist and/or vapor may cause respiratory irritation, dizziness, nausea, or headache.

Ingestion This product can cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Target organs None known for product as a whole.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Stoddard solvent	8052-41-3	2.5 - 10
Ethylene glycol	107-21-1	1 - 2.5

4. First Aid Measures

First aid procedures

Eye contact Immediately flush with plenty of water for at least 15 minutes, holding eyelids open at all times. Do not attempt to neutralize with chemical agents. Get medical attention immediately.

Skin contact Remove contaminated clothing to prevent further skin exposure and dispose of properly. In situations involving considerable skin contact, place the contaminated person in a deluge shower for at least 15 minutes. Seek medical attention immediately. For minor exposures, wash thoroughly with soap and clean water. Do not attempt to neutralize with chemical agents. Once thoroughly washed, seek medical attention immediately.

Inhalation Remove to fresh air. Get medical attention if symptoms develop. If not breathing, give CPR.

Ingestion No harmful effect is anticipated. If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Notes to physician If overexposure to the solvents in this product is suspected, testing should include nervous system and brain effects including recent memory, mood, concentration, headaches and altered sleep patterns. Liver and kidney function should be evaluated. This material, if aspirated into the lungs, may cause chemical pneumonitis; treat the affected person appropriately.

5. Fire Fighting Measures

Hazardous combustion products Decomposition can produce hazardous chemicals. Carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced during combustion.

Extinguishing media

Suitable extinguishing media

This product is a water dispersion and as such will not burn until all water has boiled away. Residual solid and container can support combustion. Use dry chemical, carbon dioxide, water spray, or foam.

Fire fighting equipment/instructions

Firefighters should wear full protective clothing including self contained breathing apparatus.

Explosion data

Sensitivity to static discharge

Not available.

Sensitivity to mechanical impact

Not available.

Unusual fire & explosion hazards

During a fire, irritating and highly toxic gases may be generated during combustion or decomposition. Vapors may be heavier than air and may travel long distances along the ground before igniting back to vapor source. High temperatures can cause sealed containers to rupture due to a buildup of internal pressures. Cool with water.

Flash point

> 200 °F (> 93.3 °C)

6. Accidental Release Measures

Emergency action

Appropriate safety measures and protective equipment should be used. See Section 8. Do not discharge to lakes, streams, ponds, or sewers. Dispose of in compliance with local, state, and federal regulations.

Containment procedures

Isolate spill area. Stop discharge if safe to do so. Stop material from contaminating soil or from entering sewers or water streams. Cover spills with absorbant clay or sawdust and place in closed chemical waste containers. Use caution to avoid falls. Spilled adhesive is very slippery.

Reporting

See Federal reporting requirements listed in Section 15. We recommend you contact local authorities to determine if there may be other local reporting requirements.

7. Handling and Storage

For Commercial Use Only - Not Packaged or Labeled for Home Use!

Handling

Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Wash contaminated goggles, face shields, and gloves. Professionally launder contaminated clothing before re-use.

Storage

Store in a cool, dry, well-ventilated area away from heat, ignition sources and direct sunlight. Water contamination should be avoided. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers.

Empty container precaution

Attention! Follow label warnings even after container is emptied since empty containers may retain product residues. Do not reuse empty container without professional cleaning for food, clothing, or products for human or animal consumption, or where skin contact can occur.

8. Exposure Controls / Personal Protection

Engineering controls

Use local exhaust ventilation when vapors, mists, or dusts are being generated. Suitable respiratory equipment should be used when insufficient ventilation or operational procedures demand it.

Personal protective equipment

Eye protection

Wear goggles or safety glasses with side shields. Contact lenses should not be worn.

Skin and body protection

Wear rubber boots and apron, protective clothing, and impervious gloves to minimize skin exposure.

Respiratory protection

None required where adequate ventilation conditions exist. If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

General

Eyewash fountains and emergency showers should be readily available.

Additional exposure data

US ACGIH Threshold Limit Values: Time Weighted Average (TWA): mg/m³ & ppm

Stoddard solvent 8052-41-3 STODDARD SOLVENT 100 PPM

US NIOSH Pocket Guide to Chemical Hazards: Ceiling Limit Value and Time Period (if specified)

Stoddard solvent 8052-41-3 STODDARD SOLVENT 1800 MGM3 15-min

US OSHA Table Z-1-A: Time Weighted Average (TWA): mg/m³ & ppm

Stoddard solvent 8052-41-3 STODDARD SOLVENT 525 MGM3 - 100 PPM

9. Physical & Chemical Properties

Target solids	71.3
Density	1.551 g/cc
Odor	Mild
Color	White
Physical state	Liquid
Freeze protect	No
VOC (Volatile Organic Compounds)	123 g/l

10. Chemical Stability & Reactivity Information

Hazardous reactions/decomposition products	If product is burned carbon monoxide, carbon dioxide, acetic acid, vinyl acetate, and other unknown products may be produced. Additionally, depending on conditions, some aliphatic aldehydes and carboxylic acids may be formed.
Hazardous polymerization	Will not occur.
Conditions to avoid	Excessive heat over 200°C or cold under 10°C. Avoid amines, strong bases, alcohols and metallic hydrides.
Stability	Stable under normal conditions. Coagulation may occur following freezing, thawing, or boiling.

11. Toxicological Information

Carcinogenicity If this product contains any carcinogens, they will be noted below:

12. Ecological Information

Ecotoxicological information Organic solvents produce slight to moderate toxicity to aquatic life.

13. Disposal Considerations

It is the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable local, state and federal regulations.

Waste disposal This product should not be disposed of in a landfill. Do not discharge to streams, lakes, ponds, or sewers. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local, and state laws.

14. Transport Information

DOT

Not regulated as hazardous goods.

IATA

Not regulated as hazardous goods.

IMDG

Not regulated as hazardous goods.

15. Regulatory Information

All components are on the U.S. EPA TSCA Inventory List.

This MSDS is prepared and distributed pursuant to the Federal Hazard Communication Standard, 29 CFR 1910.1200.

State regulations If this product contains any ingredients listed under California Proposition 65, they will be noted below:

International regulations This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and contains all the information required by the Controlled Products Regulations.

All components are included on the Canadian Domestic Substances List (DSL).

HMIS Ratings

Health: 2
Flammability: 1
Physical hazard: 0
Personal protection: X

SARA 311/312 HAZARD CATEGORIES

Immediate Hazard - Yes
Delayed Hazard - No
Fire Hazard - No
Pressure Hazard - No
Reactivity Hazard - No

WHMIS status

Controlled

WHMIS labeling**WHMIS classification**

D2A - Other Toxic Effects-VERY TOXIC
D2B - Other Toxic Effects-TOXIC

16. Other Information**Disclaimer**

The data in this MSDS has been compiled from publicly available sources. This data relates only to the designated product and not to the use of said product in combination with other materials. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Responsibility for proper precautions and safe use of the product lies with the user. All data in this MSDS is typical of the product as a whole, and does not represent any individual lot or batch, therefore, Bostik, Inc. makes no warranty about the accuracy of the data herein and assumes no liability for the use of such data. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

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Prepared by

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Supersedes

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