

MATERIAL SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **ROCK-Tight**
Product Use: Adhesive
Product Code: RT55

CAS Number: 9003-20-7

Manufacturers Name: United States Fireproofing
P.O. Box 8619
Greenville, SC 29604
(877) 343-5268 Business Phone - U.S./Canada Only
(770) 206-0268 Emergency Phone - 7 AM - 6 PM (EST)
www.usfireproofing.com

2. IDENTIFICATION / COMPOSITION / INFORMATION ON INGREDIENTS

Produced Identification: White, milky liquid.

Chemical Name	CAS Number	Weight Percentage
Water	7732-18-5	59-61
Vinyl Acetate-Ethylene	9003-20-7	39-41
Vinyl Acetate	108-05-4	<.05
Hydrolyzed Polyvinyl Alcohol	9002-89-5	>1

CALIFORNIA PROP 65: This product does not contain an ingredient(s), above safe harbor limits, which are known to the state of California to cause cancer, birth defects, or other reproductive harm.

HAZARDS DISCLOSURE: This product does not contain any known hazardous materials in reportable levels as defined by the OSHA Hazardous Communication Standard 29 CFR 1910.1200. As defined under Sara 311 and 312, this product contains no known hazardous materials.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING! THIS PRODUCT MAY CHEMICALLY AND MECHANICALLY IRRITATE CONTAMINATED SKIN TISSUE AND THE RESPIRATORY TRACT. THIS PRODUCT MAY BE HARMFUL IN EVENT OF INHALATION OVER THE RECOMMENDED EXPOSURE LEVELS.

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: Skin, Eyes, Inhalation, Ingestion.

TARGET ORGANS: Skin, Respiratory System.

INHALATION: Inhalation of this material could cause irritation to the nose, throat, and respiratory tract.

INGESTION: Not expected to be a normal route of entry. Ingestion of small amounts may produce gastrointestinal irritation.

SKIN CONTACT: Prolonged contact with skin may cause irritation. Symptoms include redness, and itching.

EYE CONTACT: Contact with eyes can cause irritation, redness and pain.

CHRONIC EXPOSURE: Repeated inhalation can produce varying degrees of respiratory irritation or lung damage.

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AGGRAVATION OF PRE-EXISTING CONDITIONS: Persons with pre-existing eye, skin disorders or impaired respiratory function may be more susceptible to the effects of the substance.

4. FIRST AID PROCEDURES

INHALATION FIRST AID: If breathing difficulty develops, remove victim to fresh air. Provide oxygen if breathing continues to be difficult. If not breathing, give artificial respiration, preferably mouth to mouth. Seek medical attention immediately.

SKIN CONTACT FIRST AID: If contact occurs wash skin with plenty of soap and water. Remove contaminated clothing. Wash clothing before reuse. If irritation persists, consult a physician.

EYE CONTACT FIRST AID: If contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes lifting the upper and lower eyelids occasionally. If Irritation persists, consult a physician

INGESTION FIRST AID: If swallowed, do not induce vomiting. If victim is conscious, give several glasses of water. Induce vomiting ONLY as directed by medical personnel. Never give anything by mouth to a unconscious person. If irritation persists, consult a physician.

5. FIREFIGHTING PROCEDURES

FLAMMABLE PROPERTIES

AUTO IGNITION TEMPERATURE: Not Applicable

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Aqueous product, for fires involving dried material, use water, carbon dioxide, dry chemicals or foam.

FIRE AND EXPLOSION HAZARDS: None

THERMAL DECOMPOSITION: Carbon monoxide, Carbon Dioxide

FIREFIGHTING GUIDANCE: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. ACCIDENTAL RELEASE PROCEDURES

SPILL CLEAN-UP PROCEDURES: Evacuate unprotected personnel from the area. Maintain adequate ventilation Follow personal protection equipment recommendations found in section 8. Contain and recover if possible. Wear rubber gloves, safety glasses and appropriate body protection. Absorb spilled material using polypads or suitable absorbent material. Avoid generating mists or sprays. Prevent material from entering sewer confined spaces, waterways, soil or public waters. Always dispose of wastes in accordance with local, state and federal regulations.

7. HANDLING AND STORAGE PROCEDURES

RECOMMENDED STORAGE CONDITIONS: Protect against physical damage. Store containers in a cool, dry location, away from direct sunlight, away from incompatible chemicals. Observe all warnings and precautions listed for the product. Keep from freezing.

HANDLING (PERSONNEL): Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin, and clothing. Use adequate ventilation. Avoid breathing vapors, mists, or dust. Do not eat, drink or smoke in work area. Wash thoroughly after handling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION PROCEDURES

AIRBORNE EXPOSURE LIMITS: See Section 2 above.

VENTILATION SYSTEM: A system of local and/or general exhaust is recommended to keep employee

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exposures below Airborne Exposure Limits. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for further details.

PERSONAL RESPIRATORS (NIOSH APPROVED): If the exposure limit is exceeded and engineering controls are not feasible, a respirator may be required. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for further details.

SKIN PROTECTION: Wear appropriate protective clothing, gloves.

EYE PROTECTION: Use safety glasses and/or goggles, as appropriate.

Maintain eye wash fountain and quick-drench facilities in work area.

GOOD HYGIENE CONDITIONS: Wash with soap and water before meals and at the end of each work shift. Good manufacturing practices require amounts of chemicals be removed from the skin as soon as practical, especially before eating or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Vapor Pressure	Same as Water
Color	Milky white	Vapor Density	Same as Water
Odor	Slight Vinegar	Water Solubility	Miscible
Boiling Point	100 C.	Bulk Density	Not Determined
Freezing Point	Not Determined	Specific Gravity	1.1
Melting Point	Not Determined	Evaporation Rate	Same as Water
PH	4-7	Hazardous Polymerization	Will not occur
Stability	Stable	Conditions to Avoid	None Known
		VOC	.034/g/l

10. STABILITY AND REACTIVITY

STABILITY: Stable under ordinary conditions of use and storage.

CONDITIONS TO AVOID: Extreme temperatures, incompatible materials.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: Oxides of carbon may be released during combustion.

INCOMPATIBILITY WITH OTHER MATERIALS: This product is incompatible with acids, and bases.

HAZARDOUS DECOMPOSITION: Oxides of carbon may be released during combustion.

11. TOXICOLOGICAL INFORMATION

Acute and chronicle health effects are not expected as long as good industrial hygiene and safety precautions are followed.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE:

This product has not been tested for mobility in soil.

ENVIRONMENTAL TOXICITY:

This product has not been tested for persistence of biodegradability. The components may slowly degrade in the environment and form a variety of organic and inorganic materials; however, no specific information is known.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Recover, reclaim or recycle when practical.

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Dispose of material in accordance with federal, state and local requirements. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permitted under applicable rules, regulations and/or laws governing your location.

14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T), International (Water, I.M.O.), International (Air, I.C.A.O.)

This product is not classified as dangerous goods per U.S. DOT Regulations, under 49 CFR 172.101 Non-Regulated.

15. REGULATORY INFORMATION

TSCA Inventory Status and TSCA Information: USA

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12 (b) Export Notifications:

This material does not contain any TSCA 12(b) regulated chemicals.

CERCLA Regulated Chemicals

This material does not contain any CERCLA regulated chemicals.

SARA 302 EHS Chemicals

This material does not present any Sara extremely hazardous substances.

SARA 311/312 Hazard Class

This product does not contain any SARA 311/312 hazards.

SARA 313 Chemicals

This product does not contain any SARA 313 chemicals above the minimum level.

STATE REGULATIONS:

PROP 65 - Warning:

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

RCRA 40 CFR: None

CANADIAN REGULATIONS:

CANADIAN DSL/NDL INVENTORY STATUS: The components of this product are on the DSL Inventory, or are exempted from listing.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:

No component of this product is on the CEPA First Priorities Substance Lists.

CANADIAN WHMIS CLASSIFICATION and SYMBOLS: Not Classified.

This material or all of its components are listed on the inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL).

16. OTHER INFORMATION

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Hazardous Material Information System (HMIS)	Health	1
	Flammability	0
	Reactivity	0
	Personal Protection	B

National Fire Protection Association (NFPA) 1-Health, 0-Flammability, 0-Reactivity.

NFPA/HMIS Definitions: 0 - Least, 1 - Slight, 2 - Moderate, 3 - High, 4 - Extreme.

Protective Equipment: Glasses with side shield; proper glasses.

Prepared By: Steve Gorman

Date: September 26, 2012

Supersedes Date: New

The data in the Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process. This Material Data Safety Data Sheet (MSDS) has been reviewed to fully comply with the guidance contained in the ANSI MSDS standard (ANSI Z400.1-2004)

Although the information set forth herein is presented in good faith and believed to be correct as of the date of issuance, it has been furnished by our suppliers; consequently, United States Fireproofing makes no representations or warranties, express or implied, with respect to information herein presented. The information set forth herein is supplied upon the condition that the persons receiving same will make their own determination as to the suitability for their purposes prior to use and relates only to the specific product described and not to such product in combination with any other product. In no event will United States Fireproofing be responsible for damages of any nature resulting from the use of or reliance upon this information.

END OF MSDS