

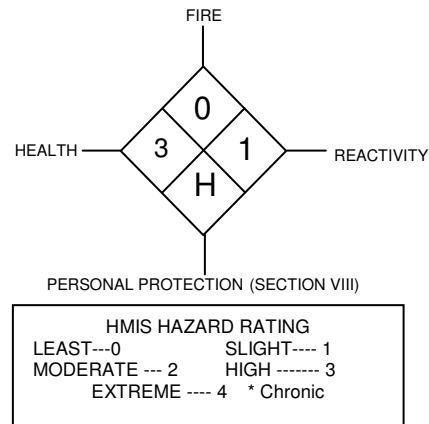
MATERIAL SAFETY DATA SHEET
Part No.: AS-CG
PRODUCT NAME: ACID STAIN – CANYON GOLD
SECTION 1 - MANUFACTURER IDENTIFICATION
DISTRIBUTED BY: Rhino Linings Corporation

ADDRESS: 9151 Rehco Road, San Diego, CA, 92121

INFORMATION PHONE: 858-450-0441

EMERGENCY CONTACT: (CHEMTREC): 800-424-9300
DATE: July 15, 2013

SUPERCEDES: SEPTEMBER 6, 2011

CHEMICAL NAME AND/OR FAMILY: Acid

SECTION 2 – COMPOSITION & INGREDIENTS

<u>Weight %</u>	<u>Ingredients</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
9	Hydrochloric Acid (Hydrogen Chloride)	7647-01-0	5ppm	5ppm
>2	Sodium Dichromate Trade Secret	7789-12-0	0.1mg/m ³	0.05 mg/m ³

SECTION 3 – Hazards Identification
Primary routes of Entry:

Inhalation.....yes
 Skin.....yes
 Ingestion.....not expected

INHALATION: Burning sensation in the throat, esophagus and stomach with consequent pain, uneasiness, nausea, vomiting, diarrhea, chills and intense thirst.

EYES: May cause severe irritation, impairment and permanent damage.

SKIN: Severe irritation, inflammation, ulceration, necrosis and burns with permanent damage.

Carcinogenicity:

NTP.....No
 IARC.....No
 OSHA.....No

Hazard Materials Identification System Rating:

Health.....3
 Flammability.....0
 Reactivity.....1
 Personal Protection...H

SECTION 4 – FIRST AID MEASURES
First Aid Procedures:

Eye Contact – Flush with water for 20 minutes lifting upper and lower eyelids occasionally. Continue irrigation with normal saline until the pH has returned to normal. Call a physician.

Skin Contact – Remove contaminated clothing and rinse affected area for at least 20 minutes. Thoroughly wash with soap and water until no evidence of chemical remains. For chemical burns, cover area with proper dressing and bandage. Call a physician.

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Inhalation – Remove from work area to fresh air. Administer artificial respiration if necessary. Call a physician.

Ingestion – Drink large amount of water or milk to dilute acids. If vomit persists, take fluids repeatedly. Ingested acid must be diluted 100:1 to render harmless tissues. Call a poison center or physician.

SECTION 5 – FIRE FIGHTING MEASURES**Flash Point:**

N/A

Flammable Limits:

N/A

Extinguishing Media:Water, dry chemical, foam or CO₂.**Unusual Fire and Explosion Hazards:**

Use self-contained breathing apparatus. Extinguish fire using suitable agents.

Unusual Fire and Explosion Hazards:

Hydrogen gas may form explosive mixture in the air. At high temperatures toxic corrosive fumes of anhydrous gas may be emitted..

SECTION 6 – SPILLAGE, ACCIDENTAL RELEASE MEASURES**Spill or Leak:**

In case of spillage, absorb with inert material and dispose of in accordance with applicable federal, state, and local regulations.

SECTION 7 – HANDLING AND STORAGE**Steps to be taken in Case Material is release or spilled:** spills may be absorbed using cement powder or fly ash and shoveled into containers. Neutralize spills with lime, sodium bicarbonate or crushed limestone and prevent runoff. Notify proper authorities if runoff should occur.**Precautions to be taken in Handling and Storing:** Keep away from all ignition sources (heat, flame, sparks and strong oxidizers). Store in safety containers. Use only in well ventilated areas.**Other Precautions:** N/A**SECTION 8 – EXPOSURE CONTROLS AND PROTECTION INFORMATION****Ventilation:**

Mechanical.....Desired in closed places

Local.....Recommended

Respiratory Protection: NIOSH approved organic vapor mask**Eye Protection:** Use goggles and/or face shield if splashing is likely**Protective Gloves:** Wear impervious gloves**HMIS Personal Protective Code:** H: Splash Goggles, Glove, Apron, Vapor Respirator**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES****Appearance and Odor:** Dark brown, chlorine odor**Boiling Point:** 215°F (101 °C)**Freezing Point:** ND**Melting Point:** N/A**Evaporation (Butyl Acetate =1)** 0.1**Vapor Pressure (mmHg):** H₂O**Vapor Density (Air=1):** H₂O**Solubility in Water:** Complete in water**Specific Gravity (Water=1):** 1.0 – 2.0

PRODUCT NAME: ACID STAIN – CANYON GOLD**SECTION 10 –STABILITY AND REACTIVITY**

Chemical Stability:	Stable
Conditions to Avoid:	Heat and open flame
Incompatible Materials:	Contact with common metals, including aluminum or magnesium, may produce hydrogen which may form explosive mixtures in the air.
Decomposition Products:	May form toxic and hazardous gases including fumes of hydrogen chloride
Hazardous Polymerization:	Will not occur under normal temperatures and pressures

SECTION 11 –TOXICOLOGICAL INFORMATION

ND

SECTION 12 –ECOLOGICAL INFORMATION

ND

SECTION 13 –DISPOSAL CONSIDERATIONS

ND

SECTION 14 –TRANSPORTATION INFORMATION**Shipping Description:** UN 1760, Corrosive Liquids, n.o.s. (Hydrochloric Acid, Solution), Class 8, PG III**Emergency Response Guide:** 60**SECTION 15 –NATIONAL REGULATIONS AND REFERENCES**

ND

SECTION 16 –DISCLAIMER

Product Packaging:	Various
Footnotes:	ND – No Data Available
	NA – Not Applicable
	< = Less Than
	> = Greater Than

This product's safety information is provided to assist our customers in assessing compliance with health, safety and environmental regulations. The information contained herein, is based on data available to us and is believed to be accurate, although no guarantee or warranty is provided by this company in this respect. Since the use of this product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal regulations concerning the product. All materials in this product are produced in compliance with Public Law 94-469 (also known as the "Toxic Substances Control Act" of 1976).