

CATALYST INDUSTRIES, INC.

SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Trade Name: Final Sand
Product Identification: Mixture
Application: Abrading & Cleaning Painted Substrates

Manufacturer: Catalyst Industries, Inc.
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Coeur d'Alene, Idaho 83815
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SECTION 2 – HAZARDS IDENTIFICATION

Hazard Overview: Direct contact with eyes may cause irritation. Ingestion may cause moderate irritation to mouth, throat and stomach with possible nausea and vomiting.

Product is water borne and designed to be used with water, however, if used in such a way as to create dust – May cause eye and respiratory irritation.

CHRONIC HEALTH HAZARD

If used in such a way as to create dust, the breathing of crystalline silica can cause lung disease, including silicosis and lung cancer.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

PUMICE – CAS Number	Percent
1332-09-8	43-53%

GHS STATEMENT: This component does NOT contain any harmful substances listed in GHS

WHMIS STATEMENT: This component is classified as an UNCONTROLLED product according to WHMIS classification criteria.

REACH STATEMENT: This component is EXEMPT from REACH registration in accordance with section 1.6.4 (Substances exempted from registration) of the Guidance for Registration of the REACH regulation. As such, the obligations for downstream users and the provisions on substance and dossier evaluation do not apply.

Other principal inert components: Complex silicates or oxides of AL, K, Na, Fe, Ca, Mg, Ti.
Chemical Identity, major components: Amorphous Aluminum Silicate (Al₂O₃)

Common Names: Pumice, volcanic glass

HMIS (Hazardous Materials Identification System Ratings – NPCA/CPCA)

Based on hazard rating of 4 = Most Severe

Health 0

Flammability 0

Reactivity 0

Personal Protection: Use approved dust mask (if used in such a way as to generate dust); goggles to prevent eye irritation.

SURFACTANT BLEND –

Chemical Name	CAS Number	Percent	TLV
Cocamide DEA	68603-42-9	.01-.23	None Established
DEA Dodecylbenzene Sulfonate	26545-53-9	.23-.46	None Established
Tetrasodium EDTA	64-02-8	.01-.20	None Established

BIG HORN MS325 -

Chemical Name	CAS Number	Percent	ACGHI TLV-TWA	OSHA PEL-TWA*
Crystalline Silica, Quartz	14808-60-7	0-.4	0.025mg/m ³	<u>10 mg/m³</u> %SiO ₂ + 2

***More restrictive exposure limits may be enforced by some states, agencies, or other authorities. Non-hazardous components >94%**

SECTION 4 – FIRST AID MEASURES

Inhalation: If inhaled, remove to a dust free area. Get medical attention if respiratory irritation develops or if breathing becomes difficult. Inhalation may aggravate existing respiratory illness. If vapors or mist cause irritation, remove subject to fresh air.

Skin: Wash with soap and water until clear. Seek medical attention if irritation persists.

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

Ingestion: Do not induce vomiting. Dilute by drinking plenty of water. Get immediate medical attention.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Flash Point Method: NA

Autoignition Temperature: NA

Flammability Limits in Air, Upper/Lower: NA

Fire Extinguishing Media: All standard firefighting media. (Caution – Slippery when wet.)

Special Exposure Hazards: NA

Special Protective Equipment

For Firefighters: Do not enter confined fire spaces without protective clothing and self-contained air supply.

NFPA Ratings: Health 0, Flammability 0, Reactivity 0

HMIS Ratings: Health 0, Flammability 0, Physical Hazard 0, PPE E

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spills can create an extreme slip hazard. Restrict entry to spill area & dike large spills to prevent run off. Mop, scoop up or use inert absorbent. Dispose of properly.

Personal Precautionary Measures: Use appropriate protective equipment. Avoid creating and breathing dust.

Environmental Precautionary Measures: None Known

Procedure for Cleaning/Absorption: Collect using appropriate dustless method and hold for appropriate disposal.

SECTION 7 – HANDLING AND STORAGE

Handling Precautions:

This product contains quartz which may become airborne if product is allowed to dry out. Avoid breathing dust or creating dusty conditions. If used in such a way as dust is generated, use adequate ventilation to keep exposure below recommended exposure limits. Wear a NIOSH/MSHA European Standard EN 149, or equivalent certified for silica bearing dust, respirator if used in such a way as dust is created. Material is slippery when wet. Promptly clean up spills to avoid breathing airborne dust.

Storage Information:

Use good housekeeping practices. Keep container closed when not in use.

DOT Classification: Not Regulated

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: NA

Personal Protective Equipment: None required when used as directed. If skin is sensitive however, gloves should be worn.

Respiratory Protection: None required when used as directed.

Hand Protection: Latex or Nitrile gloves may be used if needed.

Skin Protection: Wear clothing appropriate for the work environment.

Eye Protection: Wear safety goggles to protect against exposure.

Other Precautions: None known.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Paste
Color:	Pale Green
Odor:	Slight Citrus Odor
pH:	6.5-7.5 (aqueous solution)
Specific Gravity:	Not Determined
Density:	Not Determined
Boiling Point:	212 degrees F.
Freezing Point:	32 degrees F.
Vapor Pressure:	Not Determined
Vapor Density:	Not Determined
Percent Volatiles:	NA
Evaporation Rate:	About the same as water
Solubility in Water:	Surfactants are 100% soluble / Solids are non-soluble
Solubility in Solvents:	NA

VOCs (lbs./gallon)	NA
Viscosity:	Not Determined
Partition Coefficient/n-Octanol/Water:	NA
Molecular Weight (g/mole)	NA

SECTION 10 – STABILITY AND REACTIVITY

Stability Data:	Stable
Hazardous Polymerization:	Will Not Occur
Conditions to Avoid:	None Anticipated
Incompatibility (materials to avoid)	Oxidizing Agents/Strong Acids (including household bleach)
Hazardous Decomposition Products:	None known
Additional Guidelines:	NA

SECTION 11 – TOXICOLOGICAL INFORMATION

Principle Route of Exposure:	Eye or skin contact
Inhalation:	May cause slight irritation
Skin Contact:	May cause skin irritation and/or dryness
Eye Contact:	May cause eye irritation
Ingestion:	May cause moderate irritation to mouth, throat and stomach with possible nausea and vomiting.
Aggravated Medical Conditions:	NA
Chronic Effects/Carcinogenicity:	Drying of the skin.

If used in such a way as dust is created;

Silicosis: Excessive inhalation of respirable crystalline silica dust may cause a progressive, disabling and sometimes fatal lung disease called silicosis. Symptoms include cough, shortness of breath, wheezing, non-specific chest illness and reduced pulmonary function. This disease is exacerbated by smoking. Individuals with silicosis are predisposed to develop tuberculosis.

Cancer Status: The International Agency for Research on Cancer (IARC, 1997) concludes that there is sufficient evidence in humans for carcinogenicity of inhaled crystalline silica from occupational sources (IARC Group 1), that carcinogenicity was not detected in all industrial circumstances studied and that carcinogenicity may depend on characteristics of the crystalline silica or on external factors affecting its biological activity. See IARC Monograph 68, Silica, Some Silicates and Organic Fibres (June 1997). The National Toxicology Program (NTP) classifies respirable crystalline silica as “Known to be a human carcinogen” (NTP 9th Report on Carcinogens, 2000). The American Conference of Governmental Industrial Hygienists (ACGIH) classifies crystalline silica, quartz as a suspected human carcinogen (A2).

Other Information: See “Adverse Effects of Crystalline Silica Exposure” published by the American Thoracic Society Medical Section of the American Lung Association, American Journal of Respiratory and Critical Care Medicine Volume 155, pages 761-768 (1997).

Toxicity Tests	
Oral Toxicity:	Not determined
Dermal Toxicity:	Not determined
Inhalation Toxicity:	Not determined
Primary Irritation Effect:	Not determined

Carcinogenicity:	Refer to IARC Monograph 68, Silica, Some Silicates and Organic Fibres (June 1997)
Genotoxicity:	Not determined
Reproductive/Developmental Toxicity:	Not determined

SECTION 12 – ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air):	Not determined
Persistence/Degradability:	Not determined
Bio-accumulation:	Not determined
Ecotoxicological Information:	
Acute Fish Toxicity:	Not determined
Acute Crustaceans Toxicity:	Not determined
Acute Algae Toxicity:	Not determined
Chemical Fate Information:	Not determined
Other Information:	NA

SECTION 13 – DISPOSAL CONSIDERATIONS

Bury in a licensed landfill according to federal, state and local regulations.

SECTION 14 – TRANSPORT INFORMATION

No restrictions. No special labels. Not controlled by IATA and to be considered as non-dangerous goods.

SECTION 15 – REGULATORY INFORMATION

Not regulated

Although a component of this product contains a small amount of crystalline silica, quartz, it is encapsulated and therefore no longer considered free (respirable) silica. But to err on the side of safety, it has been disclosed and according to California Proposition 65 – This product contains crystalline silica (respirable) which is a substance known to the state of California to cause cancer.

SECTION 16 – OTHER INFORMATION

None

DISCLAIMER

All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances. No warranty or guarantee, expressed or implied, is made by Catalyst Industries, Inc. as to this information, or as to the safety, toxicity or effect of the use of this product.

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Catalyst Industries, Inc.