



Safety Data Sheet
May be used to comply with OSHA's Hazard
Communication Standard (HCS), 29 CFR 1910, 1200.
Standard must be consulted for specific requirements.

COLOR HARDENER

SECTION I: IDENTIFICATION

EZCHEM, Inc.
92 Don Westbrook Ave. N
Jasper, GA 30143

Emergency Telephone Number: 1-800-535-5053
Telephone Number for Information: 706-253-5055

Product Name: Color Hardener
Product Use: Cementitious Mixture - Colorant

SECTION II: HAZARD IDENTIFICATION

Signal Word: DANGER

Hazard Classification:

Acute Toxicity, Dermal, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Irritation, Category 2A
Specific Organ Toxicity, Single Exposure; Respiratory
Tract Irritation, Category 3
Carcinogenicity, Category 1A/1B
Specific Organ Toxicity, Repeated Exposure, Category 1

Hazard Statements:

H312 - Harmful if in contact with skin.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H350 - May cause cancer through chronic inhalation.
H372 - Causes damage to lungs through prolonged or repeated inhalation.

Precautionary Statements:

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 - IF exposed or concerned: Get medical advice/attention.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.

Hazard Pictograms:





Precautionary Statements Continued:

P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.

P405 – Store locked up.

P501 – Dispose of contents/container to approved waste disposal site.

SECTION III: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	CAS No.	Percentage %
Portland Cement	65997-15-1	30-32%
Silica Sand	14808-60-7	60-62%

SECTION IV – FIRST AID MEASURES

General Information: Immediately remove any clothing soiled by the product and launder before reuse.

After inhalation: Remove to fresh air immediately. If breathing difficulty develops, **GET MEDICAL HELP.**

After skin contact: Wash with soap and water. If irritation develops, **GET MEDICAL HELP.**

After eye contact: Flush thoroughly with water for 15 minutes, lifting both eyelids. **GET MEDICAL HELP.**

After ingestion: Do not induce vomiting. Rise mouth with water. Have victim drink several glasses of water and **GET IMMEDIATE MEDICAL HELP.** Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects:

Acute: Eye irritation.

Delayed: Skin irritation.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media: None known

Fire Hazard: Non-Flammable

Explosion Hazard: None

Reactivity: Reacts with water and acids.

Products of Combustion: NA

Special Hazards Arising from the Substance or Mixture: No further relevant information available.

Special Remarks and Advice for Firefighters: Product mixed with water forms an alkaline corrosive mixture. Wear NIOSH approved self contained breathing apparatus.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Wear protective equipment (See section VIII). Keep unprotected persons away.

Methods and material for containment and cleaning up:

Spill Response: Clean up spilled material with as little dust as possible. Wear dust mask and protective clothing.

Waste Disposal: Dispose of unused material as prescribed by local and federal regulations.

Environmental precautions: Do not flush to ponds or waterways.



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SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Handling

Precautions for safe handling: Wash hands after using. Do not contaminate food or feed stuff.

Additional Hazards: Avoid excessive skin contact.

Hygiene Measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Storage

Storage Conditions: Store in sealed original container.

Storage Area: Store in dry area.

Incompatible Products and Materials: Reacts with water and acids.

SECTION VIII – EXPOSURE CONTROL MEASURES

Exposure Limits:

Cement - 10mg/m³ Total

Silica Sand - 0.05mg/m³

Appropriate Engineering Controls: Good ventilation.

Personal Protective Equipment:



Hand: Protective Gloves

Eye: Safety Glasses/Goggles

Skin and Body: None required.

Respiratory: When dust control is not adequate, wear NIOSH approved respirators.

Additional Information:



SECTION IX – PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance	Form: Powder Color: White Odor: None
pH-value:	12-13
Boiling Point/Boiling Range:	NA
Freezing Point:	NA
Flash Point:	NA
Auto Igniting:	Product is not self-igniting.
Vapor Pressure:	NA
Vapor Density:	NA
Viscosity:	NA
Solubility:	Disperses
Evaporation Rate:	NA
Flammability:	Non-flammable
Decomposition Temperature:	NA

SECTION X – REACTIVITY DATA

Conditions to be avoided: Avoid high humidity.
Incompatible materials: Water, acids.
Hazardous Decomposition Products: None known.
Reactivity: Water.
Chemical Stability: Stable.
Possibility of Hazardous Reactions:

SECTION XI – TOXICOLOGICAL INFORMATION

Acute toxicity: Harmful if in contact with skin.
Likely Route of Exposure: Skin, Inhalation
Exposure Symptoms:
 Eyes: Will damage or burn.
 Skin: May damage or burn.
 Inhalation: May cause irritation to the mucous membranes of the nose, throat and upper respiratory system, and may aggravate certain lung diseases or conditions.
 Ingestion:
Effects (Short-term, Long-term):
 Immediate: Irritations of mouth, throat or stomach.
 Delayed: Corrosion of tissue.
 Chronic: Conditions aggravated by exposure include eye disease, skin disorders and Chronic Respiratory conditions.
Carcinogenicity: No
Sensitization: No sensitizing effects known.



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SECTION XII - ECOLOGICAL INFORMATION

Aquatic toxicity: No.

Persistence and Degradability: No further relevant information available.

Behavior in Environmental Systems: No further relevant information available.

Bioaccumulative Potential: No further relevant information available.

Mobility in Soil: NA

Other Adverse Effects: None known.

SECTION XIII - DISPOSAL CONSIDERATIONS

Recommendation: Dispose of unused material as prescribed by local and federal regulations.

Recommended Cleansing Agent: Water.

Additional Information: Refer to Section 8

SECTION XIV – TRANSPORT INFORMATION

UN-Number: Not Regulated

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

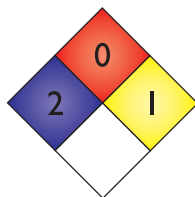
Environmental Hazards: None - Not a marine pollutant.

Additional Information:

Special Precautions for User:

SECTION XV - OTHER REGULATORY INFORMATION

NFPA Ratings (Scale 0-4)



Health: 2
Fire: 0
Reactivity: 1



WARNING: Cancer
– www.P65Warnings.ca.gov.

SECTION XVI - OTHER INFORMATION

Last Updated: 6/1/2015

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. End of SDS.