



NFPA Rating



HMIS Rating

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

Material Safety Data Sheet
CSI ReStore Translucent Stain Kit

Date: 0809

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Version: 1

File Name: *CSI ReStore Translucent Stain*

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION:

Company:
ChemSystems, Inc.
10101 Genard Road
Houston, TX 77041

24-Hour Emergency Response Information
CHEMTREC: 800.424.9300

Chemical Name: Mixture (see section 2)
Chemical Family: Water-based polymers (family only)
Chemical Formula: Proprietary Mixture
Synonyms: Unspecified

2. COMPOSITION/INFORMATION ON INGREDIENTS:

<u>CAS NO.</u>	<u>Chemical Name</u>	<u>%</u>
25085-99-8	Polymer	<50%
Proprietary	Polyamine Polymer	<8%
9002-93-1	Polyethylene Glycol	<8%
N/A	Polysiloxane	>2%
Proprietary	Pigment	1-70%
1333-86-4	Carbon Black	<40%
13463-67-7	Titanium Dioxide	<60%

3. HAZARD IDENTIFICATION:

Emergency overview:

Severe eye and skin irritant. Risk of serious eye damage. May cause mild nose, throat or lung irritation.
May cause sensitization by skin contact.
Use local exhaust ventilation.
Wear appropriate dust respirator.
Wear chemical safety glasses.
Wear chemical-resistant gloves and protective clothing.

Potential health effects:

Primary Routes of Entry-

Solids and liquids: Eye and skin contact, and ingestion.
Gases: Inhalation.
Liquefied gases: Eye contact.

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4. FIRST-AID MEASURES:

General advice:

Remove contaminated clothing. Seek medical advice.

If in eyes:

Do not rub eyes. Remove contact lenses. Rinse eyes with large amounts of water for 20 minutes. Get medical attention if irritation persists.

If on skin:

Rinse with water then wash with soap and water. Get medical attention if irritation persists.

If inhaled:

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention.

If swallowed:

Do not induce vomiting. Turn victim's head to the side. Drink lukewarm water and get medical attention.

Note to physician:

Application of corticosteroid cream has been effective in treating skin irritation.

5. FIRE-FIGHTING MEASURES:

Flash point:

240 ° - 251 °F (116 ° - 122 °C) TCC/PM; Closed Cup: 525 °F (274 °C).

LEL:

Not established.

UEL:

Not established.

Suitable extinguishing media:

Dry extinguishing media, CO2, foam.

Hazards during fire-fighting:

May generate toxic gases or irritant fumes. Use of water may result in the formation of toxic aqueous solutions.

Protective equipment for fire-fighting:

Wear turnout gear and a NIOSH-approved self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Use recommended personal protective clothing and equipment. Evacuate personnel to safe areas.

Environmental precautions:

Control runoff and isolate discharge material for proper waste disposal method. Do not let product enter drains or water sources.

Cleanup:

Absorb with inert dry absorbent. Use non-leaking containers, seal tightly and label properly. Place in appropriate chemical waste container.

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7. HANDLING and STORAGE:

Handling:

General advice-

Use recommended protective clothing and equipment. Do not ingest or breathe gas/fumes/vapor/spray. Do not cut, drill, grind or weld on or near this container. Keep away from heat and sources of ignition.

Storage:

General advice-

Store in tightly closed, properly vented containers away from direct sunlight, heat, sparks, open flames and strong oxidizing agents. Do not allow product to freeze.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Provide local exhaust ventilation to control vapors/mist.

Personal protective equipment (HMIS rating 'E'):

Eye protection: Chemical safety glasses.

Skin protection: Chemical-resistant gloves. Wear protective clothing to minimize skin contact.

Respiratory protection: Wear appropriate dust respirator.

General safety and hygiene measures: Handle in accordance with good industrial hygiene and safety practices. Due to the coloring properties of the product, closed work clothes should be worn to avoid stains during installation. Wash soiled clothing before reuse.

Other protective measures:

Nearby running water is necessary on the jobsite should an accident occur.

9. PHYSICAL and CHEMICAL PROPERTIES:

Form:	Liquid
Odor:	Mild/Sweet
Color:	Slight
pH value:	7 - 9
Water content:	<90%
Total solids/Non-volatiles:	11%
Total VOC:	12 g/l
Solvents by weight:	N/A
Specific gravity:	Heavier than water
Freezing/Melting point:	Unspecified (do not allow product to freeze)
Boiling point:	212 ° - 518 °F (100 ° - 270 °C)
Density:	Heavier than air
Solubility in water:	Soluble

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10. STABILITY and REACTIVITY:

Conditions to avoid:

Do not allow product to freeze.

Substances to avoid:

Water-reactive chemicals, oxidizing agents, reducing agents, organic and mineral acids, peroxides or other catalysts. Incompatible to bases.

Hazardous reactions:

May generate toxic gases or irritant fumes.

Decomposition products:

Carbon Dioxide, Carbon Monoxide, nitrogen compounds, halogenated compounds or metal oxide fumes.

Corrosion to metals:

No corrosive effect on metal.

11. TOXICOLOGY INFORMATION:

Acute Toxicity:

Oral:

Mild irritant.

Eye irritation:

Irritant.

Skin irritation:

Irritant

Inhalation:

Mild irritant.

Sensitization:

Skin: By contact.

Respiratory: Not established.

Chronic Toxicity:

Other information:

May cause adverse reproductive effects.

May affect genetic material.

12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method:

Unspecified

Analysis method:

Unspecified

Degree of elimination:

Unspecified

Environmental toxicity:

Acute and prolonged toxicity to fish:

Unspecified

Toxicity to microorganisms:

Unspecified

Other ecotoxicological advice:

Unspecified

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13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance:

Use non-leaking containers, seal tightly and label properly. Dispose of in accordance with local, state and federal regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

Container disposal:

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Other:

Do not dispose of product in streams, wells, sewers, lakes, rivers or oceans.

RCRA:

None.

14. TRANSPORTATION INFORMATION:

Land transportation:

US DOT Shipping Class: Class 55 Non-Hazardous
US Highway & Rail Shipments: 49 CFR Subchapter C

Sea transportation:

IMDG: Unspecified

Air transportation:

IATA/ICAO: Unspecified

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

TSCA, US Unspecified

OSHA hazard category: 29 CFR 1910.1200 and related appendices (unprotected contact)

SARA hazard category (EPCRA 311/312/313):

Unspecified

CAS Number:

25085-99-8

Proprietary

9002-93-1

N/A

Proprietary

1333-86-4

13463-67-7

Chemical Name:

Polymer

Polyamine Polymer

Polyethylene Glycol

Polysiloxane

Pigment

Carbon Black

Titanium Dioxide

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16. OTHER INFORMATION:

NFPA Rating:

Health: 2

Fire: 1

Reactivity: 0

Special Hazard: none

HMIS III Rating:

Health: 2

Flammability: 1

Physical Hazard: 0

Personal Protection: E (chemical safety glasses, chemical-resistant gloves and appropriate dust respirator.)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

HMIS III personal protection ratings A-K are specified by HMIS, while ratings L-Z are specified by this manufacturer- please review section 8 for specific safety equipment recommended for use with this product.

Reason for Revision:

N/A New Document

Reviewed:

CS/0809

Local Contact Information:

ChemSystems, Inc.
10101 Genard Road, Houston, TX 77041
800.545.9827

24-Hour Emergency Response Information:

CHEMTREC: 800.424.9300

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