



NATIONAL CONCRETE PRODUCTS

SAFETY DATA SHEET

SECTION 1 Product and Company Identification

Product

Product Name: Hydro Stain

Product Description: Water Based Concrete Stain

Intended Use: Restorative / decorative coloring cement-based products

Company

Manufacturer: National Concrete Products

Contact: Lima, OH 45804
USA
844-393-7699 (telephone general)

SECTION 2 Hazards Identification

In accordance with 29 CFR 1910.1200 (Hazcom 2012):

Classification: Not classified as hazardous under any GHS hazard class.

Label Elements:

Hazard Pictograms: Not Applicable

Signal Word: Not Applicable

Hazard Statements: Not Applicable

Precautionary Statements: Not Applicable

Supplemental Information: Skin may discolor due to contact with pigment.

Hazards not otherwise classified: No additional information.

SECTION 3 Composition / Information on Ingredients

This material is regulated as a mixture

Ingredient	CAS #	EC#	% (by weight)
Non Hazardous Micronized Pigments			
Carbon Black	proprietary	ND	0 - <25%
Pigment Blue	proprietary	ND	0 - <50%
Pigment Green	proprietary	ND	0 - <50%
Red (Iron Oxide)	proprietary	ND	0 - <25%
Pigment White	proprietary	ND	0 - <50%
Yellow (Iron Oxide)	proprietary	ND	0 - <25%
Poly(ethylene Glycol)	25322-68-3	ND	<20%
Water	7732-18-5	ND	<80%

The exact percentage of composition has been withheld as a trade secret.

SECTION 4 First Aid Measures

Eye Contact: Rinse with running water for 15 mins. Hold eyelids apart while irrigating.

Skin Contact: Wash affected area thoroughly with soap and water. Wash clothing before reuse.

Inhalation: Move to fresh air. Administer artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Get medical attention immediately. Do not induce vomiting.

SECTION 5 Fire Fighting Measures

Extinguishing Media:

Appropriate: Foam, CO₂, Dry chemical, water fog

Inappropriate: Solid streams of water

Fire Fighting Procedures: Cool containers to prevent pressure buildup and possible explosion when exposed to extreme heat. Full protective equipment, including self-contained breathing apparatus required.

Unusual Fire and Explosion Hazard: Closed containers can explode due to buildup of pressure when exposed to extreme heat.

Hazardous Combustion Products: Smoke, fumes, vapors, oxides of carbon

Flammability Properties

Flash Point (Method): NA

Flammable Limits (Approximate volume % in air): LEL: none UEL: none

Auto ignition Temperature: NA

SECTION 6 Accidental Release Measures

Personal precautions: Evacuate personnel to safe areas. Ventilate area.

Environmental precautions: Prevent entry into waterways.

Methods for clean-up: Small spills may be cleaned up with paper toweling and disposed into approved container. Larger spills absorb onto sand, vermiculite, or any other inert, non-combustible material. Scoop into containers for later appropriate disposal.

SECTION 7 Handling and Storage

Handling: Avoid contact with eyes, skin, and clothing. Avoid handling of vapor or mist. Do not permit eating, drinking, smoking near material. Remove all potential sources of ignition.

Storage: Keep containers tightly closed, in dry, cool, well ventilated place. Keep out of reach of children.

SECTION 8 Exposure Control / Personal Protection

Exposure limit values: Pertains to abrading, sanding, removing dried film

ACGIH (TWA), 5 mg/m³ (respirable fraction)

OSHA (TWA) 10 mg/m³ (fume)

Occupational exposure controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Respiratory protection: Wear suitable NIOSH approved respirator when spraying product and ventilation is inadequate.

Hand protection: Chemically compatible gloves.

Eye protection: Safety glasses with side shields.

Skin protection: Minimize skin contact with appropriate long-sleeved clothing

Hygiene measures: Observe good industrial hygienic practices. Frequently launder or discard proactive clothing, equipment.

Environmental exposure controls: Emissions from work process equipment should be checked against requirements of appropriate environmental protection legislation. In some cases, alteration to work process equipment may be necessary to reduce emissions to acceptable levels.

SECTION 9 Physical and Chemical Properties

General

Physical state: liquid

Color: varies

Odor: organic citrus

Safety Data

pH: 7.5 – 8.5

Boiling point: >100°C / 212°F

Flash point: NA

Flammable limits (approximate volume % in air): LEL: none UEL: none

Auto-ignition temperature: NA

Vapor density: heavier than air

Water solubility: NA

Specific gravity (water = 1): 1.11

SECTION 10 Stability and Reactivity

Chemical stability: Stable under normal conditions.

Conditions to avoid: Temperature extremes

Materials to avoid: None known

Hazardous decomposition products: By fire, CO and CO₂

Hazardous polymerization: Will not occur

SECTION 11 Toxicological Information

No ingredient in this product is listed as carcinogenic by IARC, NTP, or OSHA.

No LC50 or LD50 data is available

SECTION 12 Ecological Information

Eco-toxicity: This product is not expected to be hazardous to the environment.

Mobility: Not available

Persistence and degradability

Biodegradation: Not available

Atmospheric oxidation: Not available

Bioaccumulation potential: Unlikely to be significant.

SECTION 13 Disposal Considerations

Methods of disposal: This material may be safely incinerated or landfilled in accordance with federal, state, and local environmental control regulations.

Section 14 Transport Information

DOT: This product is not regulated for transport.

ARD/RID: This product is not regulated for transport.

IMDG: This product is not regulated for transport.

IATA: This product is not regulated for transport.

SECTION 15 Regulatory Information

TSCA (USA - Toxic Substance Control Act)

All components of this product are listed on the U.S. Toxic Substances Control Act Inventory (TSCA Inventory) or are exempted from listing because of low volume

SARA Title III (USA – Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients:

None

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986

There are chemicals present known to the state of California to cause cancer or reproductive toxicity.

CPR (Canadian Controlled Products Regulations)

This product has been classified in accordance with the hazard criteria of the Controlled Products

Regulations and the SDS contains all the information required by the Controlled Products Regulations.

SECTION 16 Other Information

Recommended restriction: for use by trained professionals, having read the complete SDS

According to Regulation (EC) No. 1907/2006 (REACH), Annex II, Commission Directive 2001/59/EC and REGULATION (EC) No. 1272/2008 (CLP)

To the best of our knowledge the information contained here is accurate. However, neither the above named manufacturer nor any of its distributors assumes any liability whatsoever for the accuracy or the completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.