



Moisture Lock 101[®]

Liquid Hardener

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: Moisture Lock 101[®]

Other means of identification:

SDS # NACP-001

Product Code: 060370041, 060373455

Recommended use of the chemical and restrictions on use:

Chemical floor hardener for concrete.

Supplier Details and Address:

National Applied Construction Products, Inc.

3200 Main St.

Akron, OH 44319

Emergency Telephone Number:

Company Phone Number: 1-800-633-4622

Emergency Telephone (24 hr):

INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance: Clear Liquid

Physical state: Liquid

Odor Characteristic: Odorless

Classification:

Skin corrosion/irritation	Category 2
Serious eye damage/irritation	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

Signal Word: Warning

Hazard Statements:

Causes skin irritation

Causes serious eye irritation

May cause damage to organs through prolonged or repeated exposure.



Precautionary Statements - Prevention:

Do not breathe dust/fumes/gas/mist/vapors/spray

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response:

Get medical advice/attention if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation occurs: Get medical advice/attention

Precautionary Statements - Disposal:

Dispose of contents/container to an approved waste disposal plant

3. INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Sodium Silicate	1344-09-8	9-10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes.

Inhalation: Remove to fresh air.

Ingestion: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects: Not determined

Indication of any immediate medical attention and special treatment needed: Notes to Physician, treat symptomatically.

5. FIRE-FIGHTING MEASURES

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

- **Unsuitable Extinguishing Media:** Not determined

Specific Hazards Arising from the Chemical: Not determined

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment as required.

Environmental Precautions: Prevent product from entering drains.

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-up: Absorb with liquid-binding material (sand, silica gel, acid binders, universal binders, sawdust).

7. HANDLING AND STORAGE

Advice on Safe Handling: Handle in accordance with good industrial hygiene and safety practice.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials: None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTION

Exposure Guidelines: This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering Controls: Showers. Eyewash stations. Ventilation systems.

Eye/Face Protection: Avoid contact with eyes

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance: Gray or white viscous liquid

Color: Gray or white

Odor: Mild, slight odor

Odor Threshold: Not determined

Property	Values	Remarks
pH	7.7-10.2	
Melting Point/Freezing Point	0 °C / 32 °F	
Boiling Point/Boiling Range	N/A	
Flash Point	N/A	
Evaporation Rate	Less than butyl acetate	
Flammability (Solid, Gas)	Liquid-N/A	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Relative Density	Not determined	
Water Solubility	Dispersible	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Product is not self-igniting	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Thixotropic	
Dynamic Viscosity	Thixotropic	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Density	9.2-9.6 bl/gl	

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reaction: None under normal processing.

Conditions to Avoid: Keep out of reach of children.

Incompatible Materials: None known based on information supplied.

Hazardous Decomposition Products: None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Eye Contact: Avoid contact with eyes

Skin Contact: Avoid contact with skin

Inhalation: Do not inhale

Ingestion: Do not ingest

Component Information:

Information on physical, chemical and toxicological effects:

Symptoms: Please see section 4 of this SDS for symptoms.

Carcinogenicity: Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity: The product is not classified as environmentally hazardous, however, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence/Degradeability: Not determined.

Bioaccumulation: Not determined.

Mobility: Not determined.

Other Adverse Effects: Not determined.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

NOTE: Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT: Not regulated. **IATA:** Not regulated. **IMDG:** Not regulated.

15. REGULATORY INFORMATION

All ingredients are listed or exempt from listing on Chemical Substance Inventory

Legend: TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

California Proposition 65: This product does not contain any Proposition 65 chemicals.

US State Right-to-Know Regulations: This product does not contain any substances regulated under applicable state right-to-know regulations.

16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not Determined

HMIS	Health Hazards	Flammability	Physical Hazards	Personal Protection
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Disclaimer: The information provided in this Safety Data Sheet is

correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet



National Applied Construction Products, Inc.

3200 South Main St. Akron, OH 44319

www.nacproducts.com

800.633.4622 • fax: 330.644.3117

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