

ABR Deck and Siding Wash

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

Revision Date: 02/03/2015

Date of issue: 01/16/2015

Version: 1.0

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture

1.2. Intended Use of the Product

Deck and Siding Building Cleaner

1.3. Name, Address, and Telephone of the Responsible Party Company

American Building Restoration Products, Inc. 9720 South 60th Street Franklin, WI 53132 T 800-346-7532

1.4. Emergency Telephone Number

Chemtrec 1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Emergency Overview

This material is a consumer product that is safe for consumers with intended and reasonable foreseeable use.

Hazard Classification: Not Classified

Signal Word(s): N/A

Hazard Symbol(s): N/A

Hazard Statement: N/A

Precautionary Statements: •Avoid eye contact. If contact occurs, flush immediately and thoroughly with water.

•Keep out of reach of children.

2.3

Hazards not otherwise classified

(HNOC) or not covered by GHS-none

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances Synonyms : Disodium metasilicate

Formula : $\text{Na}_2\text{O}_3\text{Si}$

Molecular Weight: 122.06 g/mol

CAS - No.: 6834 – 92 -0

EC-No.: 229-912-9

Index-No.:014-010-00-8

Component	Classification	Concentration
Disodium metasilicate	Met. Corr.1; Skin Corr.1B; Eye Dam.1; STOT SE 3; H290, H314, H335	< 2%
water	none	ballance

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

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4.1

Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed no data available

SECTION 5: FIRE-FIGHTING MEASURES

5.1

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2

Special hazards arising from the substance or mixture

Sodium oxides, silicon oxides

5.3

Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4

Further information

no data available

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1

Personal precautions, protective equipment and emergency procedures

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Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

6.2

Environmental precautions

Biodegradable

6.3

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4

Reference to other sections

For disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Further processing of solid materials may result

in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

7.2

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

Hygroscopic Keep in a dry place.

7.3

Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1

Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

8.2

Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

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Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators

Control of environmental exposure

Do not let product enter drains.

Full contact

Material: Nitrile rubber

Minimum layer thickness:0.11 mm

Break through time: 480 min

Splash contact

Material: Nitrile rubber

Minimum layer thickness:0.11 mm

Break through time: 480 min



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1

Information on basic physical and chemical properties

Appearance

Form:

liquid

Color:

clear

Odor:

Clear, Blue, Fresh Soap Odor, liquid

Odor Threshold:

no data available

pH

11.5

Melting point/freezing point

Melting point/range:

1,090 °C (1,994 °F)

Initial boiling point and boiling range:

no data available

Flash point:

not applicable

Evaporation rate:

no data available

Flammability (solid, gas):

no data available

Upper/lower flammability or explosive limits:

no data available

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Vapor pressure	0.0103 hPa (0.0077 mmHg) at 1,175 °C (2,147 °F)
Vapor density:	no data available
Relative density:	2.61 g/cm ³ at 20 °C (68 °F)
Water solubility	350 g/l at 20 °C (68 °F)
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity	no data available
Explosive properties	not explosive
Oxidizing properties	no data available
9.2	
Other safety information	
Solubility in other solvents	
Alcohol-insoluble	
Dissociation constant	9.9 -12 at 30 °C (86 °F)

SECTION 10: STABILITY AND REACTIVITY

10.1

Reactivity no data available

10.2

Chemical stability

Stable under recommended storage conditions.

10.3

Possibility of hazardous reactions no data available

10.4

Conditions to avoid no data available

10.5

Incompatible materials: Strong acids, Lead, Tin/tin oxides, Zinc, Aluminum

10.6

Hazardous decomposition products

Other decomposition products- no data available

In the event of fire: see section 5

SECTION 11: TOXICOLOGICAL INFORMATION

11.1

Information on toxicological effects

Acute toxicity

LD50

Oral-rat-male and female-1,152 -1,349 mg/kg

Remarks: Gastrointestinal: Ulceration or bleeding from stomach.

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation

Skin-rabbit

Result: Corrosive-4 h (OECD Test Guideline 404)

Serious eye damage/eye irritation

no data available

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Respiratory or skin sensitization in vivo assay-mouse

Result: Does not cause skin sensitisation.(OECD Test Guideline 429)

Germ cell mutagenicity

Ames test S. typhimurium

Result: negative mouse-male

Result: negative

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity no data available

Reproductive toxicity-rat-Oral

Effects on Newborn: Stillbirth. Effects on Newborn: Live birth index (# fetuses per litter; measured after birth). Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day 4). no data available

Specific target organ toxicity -single exposure

Inhalation- May cause respiratory irritation.

Respiratory system

Specific target organ toxicity

repeated exposure no data available

Aspiration hazard no data available

Additional Information

Repeated dose toxicity-

rat-male and female-No observed adverse effect level-227 - 237 mg/kg RTECS: VV9275000
burning sensation, Cough, wheezing, laryngitis, Shortness of breath, spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin.

SECTION 12: ECOLOGICAL INFORMATION

12.1

Toxicity

Toxicity to fish semi-static test LC50 - Danio rerio (zebra fish) -210 mg/l-96 h (ISO 7346/1)

Toxicity to bacteria

12.2

Persistence and degradability

no data available

12.3

Bioaccumulative potential

no data available

12.4

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Mobility in soil

no data available

12.5

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6

Other adverse effects

no data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contact a licensed professional waste disposal service to dispose of this material.

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

SECTION 14: TRANSPORT INFORMATION

DOT (US)

Not Regulated

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Marine pollutant: No

Poison Inhalation Hazard: No

SECTION 15: REGULATORY INFORMATION

SARA 302

Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312

Hazards

Acute Health Hazard

Massachusetts, New Jersey Right To Know

Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know

Components

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Disodium metasilicate

CAS-No. 6834-92-0

Revision Date 7/30/2015

Revision Date

California Prop. 65

Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION. INCLUDING DATE OF PREPARATION OR LAST REVISION

16. OTHER INFORMATION

Full text of H

-Statements referred to under sections 2 and 3.

Eye Dam.

Serious eye damage

H290 May be corrosive to metals.

H316 Causes mild skin irritation

H320 Causes eye irritationH335

May cause respiratory irritation.

Met. Corr.

Corrosive to metals

HMIS Rating

Health hazard: 1

Chronic Health Hazard:

Flammability: 0

Physical Hazard 0

NFPA Rating

Health hazard: 1

Fire Hazard: 0

Reactivity Hazard: 0

Party Responsible for the Preparation of This Document



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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.
North America GHS US 2012 & WHMIS 2