



# SAFETY DATA SHEET

## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: Sodium Silicate - Clear

Product Code: 15-SC20-98

### WESTCOAT SPECIALTY COATING SYSTEMS

4007 Lockridge St  
San Diego, CA 92102

Information Telephone: 800-250-4519

Emergency Telephone: 800-424-9300

## Section 2 - HAZARDS IDENTIFICATION

### GHS Ratings:

Skin corrosive	1C	Destruction of dermal tissue: Exposure < 4 hours Observation < 14 days, visible necrosis in at least one animal
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity >= 3, Iritis > 1.5

### GHS Hazards

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage

### GHS Precautions

P260	Do not breathe dust/fume/gas/mist/vapours/spray
P264	Wash ... thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician
P321	Specific treatment (see ... on this label)
P363	Wash contaminated clothing before reuse
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing . Rinse skin with water/shower
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 continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P405	Store locked up
P501	Dispose of contents/container to ...

Signal Word: **Danger**



## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Sodium silicate	1344-09-8	10.00% - 20.00%

#### Section 4 - FIRST AID MEASURES

##### **First aid measures for different exposure routes**

INHALATION: Remove casualty to fresh air and keep warm and at rest.

EYE CONTACT: After contact with eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

SKIN CONTACT: Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not induce vomiting; get medical attention showing the SDS and the hazard label.

##### **MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED**

Eyes irritation, Eyes damages, Skin Irritation, Erythema.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: In case of accident or unwellness, seek medical advice immediately.

#### Section 5 - FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water, Carbon dioxide (CO<sub>2</sub>)

UNSUITABLE EXTINGUISHING MEDIA: None in particular

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: Do not inhale explosion and combustion gases, burning produces heavy smoke.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS: In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet is possible).

#### Section 6 - ACCIDENTAL RELEASE MEASURES

##### **Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment removes persons to safety. See protective measures under point 7 and 8.

##### **Methods and materials for containment and clean up**

Suitable material for taking up: absorbing material, organic, sand. Wash with plenty of water.

## Section 7 - HANDLING AND STORAGE

PRECAUTION FOR SAFE HANDLING: Don't use empty container before they have been cleaned. Before making transfer operations, assure that there aren't any incompatible material residuals in the containers. Contaminated clothing should be changed before entering eating areas. Do not eat or drink while working. See also section 8 for recommended protective equipment.

CONDITIONS FOR SAFE STORAGE: Adequately ventilated premises.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Sodium silicate 1344-09-8	Not Established	Not Established	Not Established

CONTROL PARAMETERS: N/A

### Individual protection measures, such as personal protective equipment

EYE/FACE PROTECTION: Wear safety glasses or safety goggles, don't use eye lens.

SKIN PROTECTION: Use clothing that provides comprehensive protection to the skin, e.g cotton rubber, P.V.C or viton.

HANDS PROTECTION: Use protective glove that provides comprehensive protection, e.g. P.V.C, neoprene or rubber.

RESPIRATORY PROTECTION: Use adequate protective respiratory equipment.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b> : Liquid	<b>Odor</b> : N/A
<b>Odor threshold</b> : N/A	<b>PH</b> : 11.3
<b>Melting point</b> : N/A	<b>Boiling point</b> : 100°C
<b>Flash Pt (F/C)</b> : N/A	<b>Evaporation rate</b> : N/A
<b>Flammability (solid, gas)</b> : N/A	<b>LEL/UEL</b> : N/A
<b>Vapor pressure</b> : N/A	<b>Vapor density</b> : 2.1
<b>Relative density</b> : 1.10	<b>Solubility</b> : Soluble
<b>Partition coefficient:n- octanol/water</b> :	<b>Autoignition temp</b> : N/A
<b>Decomposition temp</b> : N/A	<b>Viscosity</b> : N/A

## Section 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Stable under normal conditions

REACTIVITY: Stable under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS: None

INCOMPATIBLE MATERIALS: None

HAZARDOUS DESCOMPOSITION PRODUCTS: None

**Section 11 - TOXICOLOGICAL INFORMATION**

**Mixture Toxicity**  
**Component Toxicity**

1344-09-8      Sodium silicate  
Oral LD50: 1,960 mg/kg (Rat)

**Section 12 - ECOLOGICAL INFORMATION**

**Component Ecotoxicity**

Sodium silicate      96 Hr LC50 Lepomis macrochirus: 301 - 478 mg/L; 96 Hr LC50 Brachydanio  
erio: 3185 mg/L [semi-static]

**Section 13 - DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Waste must be handled in accordance with all federal, state, provincial, and local regulations. Consult authorities before disposal.

**Section 14 - TRANSPORT INFORMATION**

This material is classified for transport as follows:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Non-Regulated Material			

**Section 15 - REGULATORY INFORMATION**

**State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):** WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

- None

**CERCLA-SARA Hazard Category:** This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

- None

**Sara Section 313:** This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

- None

**Section 16 - OTHER INFORMATION**

**Hazardous Material Information System (HMIS)**

<b>HEALTH</b>	<input type="text" value="2"/>	<b>HMIS &amp; NFPA Hazard Rating</b> <b>Legend</b> * = Chronic Health Hazard <b>0 = INSIGNIFICANT</b> <b>1 = SLIGHT</b> <b>2 = MODERATE</b> <b>3 = HIGH</b>
<b>FLAMMABILITY</b>	<input type="text" value="1"/>	
<b>PHYSICAL HAZARD</b>	<input type="text" value="1"/>	
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	

Westcoat Specialty Coating Systems believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Westcoat Specialty Coating Systems makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.

Date Prepared: 1/12/2021