

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: JS Novacure
Recommended Use : Curing compound
Manufacturer/Supplier : Jobsite Supply
624 S Missouri St
Indianapolis, IN 46225

Phone numbers:

Jobsite Supply 800 874 7415

Emergency Telephone Number:

Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call INFOTRAC Day or Night .

Within USA and Canada : **1 800 535-5053**

2. HAZARD IDENTIFICATION

Classification of the substance or mixture

GHS Classification (anticipated)

Skin Irrit. 2

Eye Irrit. 2

Hazards summary Alkaline.

Irritating to eyes and skin.

GHS Label Elements:



GHS07

Signal Word: Warning

Hazard statements

H315: Causes skin irritation.

H319: Causes serious eye irritation.

Precautionary statement

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Other hazards Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance:	NA		
Mixture:			
Name	CAS #	%	Classification
Silicic acid/Sodium Salt	1344-09-8	>20	NA
Water	7732-18-5	<80	NA

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels.

4. FIRST AID MEASURES

INHALATION: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. If breathing is difficult, oxygen should be administered by qualified personnel. If respiration or pulse has stopped, have a trained person administer Basic Life Support (Cardio-Pulmonary Resuscitation and/or Automatic External Defibrillator) and CALL FOR EMERGENCY SERVICES IMMEDIATELY.

SKIN CONTACT: Immediately flush contaminated areas with water. Remove contaminated clothing, jewelry, and shoes immediately. Wash contaminated areas with soap and water. Thoroughly clean and dry contaminated clothing and shoes before reuse. GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissues. Washing eyes within several seconds is essential to achieve maximum effectiveness. GET MEDICAL ATTENTION IMMEDIATELY.

INGESTION: Never give anything by mouth to an unconscious or convulsive person. If swallowed, do not induce vomiting. Give large amounts of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. GET MEDICAL ATTENTION IMMEDIATELY

5. FIRE FIGHTING MEASURES

Fire Hazard: Negligible fire hazard.

Extinguishing Media: Use media appropriate for surrounding fire.

Fire Fighting: Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion byproducts. Stay upwind and keep out of low areas.

Sensitivity to Mechanical Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Flash point: Not flammable

HMIS: (SCALE 0-4)

Health: 1

Flammability: 0

Reactivity: 0

NFPA: (SCALE 0-4)

Health: 1

Flammability: 0

Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Occupational Release: Flush spill area with water, if appropriate. Dries to form glass film which can easily cut skin. Wear appropriate personal protective equipment recommended in Section 8 of the SDS. Liquid material may be removed with a vacuum truck. Wet material is slippery under foot. Shovel dried residue into suitable container. Keep out of water supplies and sewers. Releases should be reported, if required, to appropriate agencies. This material is alkaline and may raise the pH of surface waters with low buffering capacity.

7. HANDLING AND STORAGE

Storage Conditions: Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Do not store in aluminum container or use aluminum fittings or transfer lines, as flammable hydrogen gas may be generated. Keep separated from incompatible substances (see Section 10 of the Safety Data Sheet).

Handling Procedures: Do not get in eyes, on skin, or on clothing. Avoid breathing aerosol mist. Wash thoroughly after handling. Use care when handling hot material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Regulatory Exposure limit(s): No occupational exposure limits have been established at this time

ENGINEERING CONTROLS: Provide local exhaust ventilation where dust or mist may be generated.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Wear safety glasses with side-shields. If eye contact is likely, wear chemical resistant safety goggles. Wear chemical safety goggles with a faceshield to protect against eye and skin contact when appropriate. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin and Body Protection: Wear protective clothing to minimize skin contact. Wear appropriate heat resistant clothing when potential exists for contact with materials above 120 F (49 C).

Hand Protection: Wear appropriate chemical resistant gloves. Use gloves that are cut resistant if handling dry glass material.

Protective Material Types: Butyl rubber, Natural rubber, Neoprene, Nitrile,

Respiratory Protection: A NIOSH approved respirator with N95 (dust, fume, mist) cartridges may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits, or when symptoms have been observed that are indicative of overexposure. A respiratory protection program that meets 29 CFR 1910.134 must be followed whenever workplace conditions warrant use of a respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Clear to opaque
Color:	Colorless
Odor:	Odorless to slight odor
Flash point:	Not flammable
Boiling Point/Range:	214-216 F (101-102 C)
Freezing Point/Range:	30 F (-1 C)
Specific Gravity (water=1):	1.42 - 1.70
Density:	11.2 - 11.6 lbs/gal
Water Solubility:	100%
pH:	Alkaline
Volatility:	NA

10. STABILITY AND REACTIVITY

Reactivity/ Stability: Stable at normal temperatures and pressures. Prolonged contact with incompatible metals may produce flammable hydrogen gas.

Conditions to Avoid: Prolonged storage above 140 F (60 C). Contact with acids will cause gelling and evolution of heat.

Incompatibilities/

Materials to Avoid:

Acids, Prolonged contact with aluminum, brass, bronze, copper, lead, tin, zinc or other alkali sensitive metals or alloys

Hazardous Decomposition

Products: None known

Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Component	LD50 Oral	LC50 Inhalation	LD50 Dermal
Sodium silicate	1153 mg/kg (Rat)	-----	4640 mg/kg (Rabbit)

TOXICITY:

Solutions of sodium silicate are alkaline. Exposure to alkaline solutions may result in irritation to severe burns depending on the concentration and duration of the exposure. Sodium silicate is a type of amorphous silica and does not cause pulmonary silicosis.

CARCINOGENICITY: This product is not classified as a carcinogen by NTP, IARC or OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

Aquatic Toxicity:

This material has exhibited moderate toxicity to aquatic organisms

FATE AND TRANSPORT:

BIODEGRADATION: This material is inorganic and not subject to biodegradation.

PERSISTENCE: This material is believed to persist in the environment.

BIOCONCENTRATION: This material is not expected to bioconcentrate in organisms.

ADDITIONAL ECOLOGICAL INFORMATION:

This material has exhibited slight toxicity to terrestrial organisms.

13. DISPOSAL CONSIDERATION

Waste treatment recommendation: It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

Uncleaned/used packaging recommendation: Disposal must be made according to Federal, State, and Local regulations.

14. TRANSPORT INFORMATION

UN-Number (DOT, ADR, ADN, IMDG, IATA)	Not Regulated
UN proper shipping name (DOT, ADR, ADN, IMDG, IATA)	Not Regulated
<i>Transport hazard class(es)</i> DOT, ADR, ADN, IMDG, IATA Class	Not Regulated
<i>Environmental hazards:</i> Marine pollutant:	No
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
<i>Transport/Additional information:</i> ADR	
U.S. Domestic Ground Shipments:	Not Regulated by D.O.T.
U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:	Same as listed for Standard Shipments above.
Emergency Response Guide (ERG) Number:	Not determine
UN "Model Regulation":	NA

15. REGULATORY INFORMATION

U.S. REGULATIONS

OSHA REGULATORY STATUS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200) (US)

CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR 302.4): Not regulated.

EPCRA EXTREMELY HAZARDOUS SUBSTANCES (40 CFR 355.30): Not regulated

EPCRA SECTIONS 311/312 HAZARD CATEGORIES (40 CFR 370.21): Acute Health Hazard

EPCRA SECTION 313 (40 CFR 372.65): Not regulated.

OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119): Not regulated

FDA: Sodium Silicates have Generally Recognized as Safe (GRAS) status under specific FDA regulations. Refer to the Code of Federal Register 21 CFR 173, 175, 176, 177, 182, and 184, which is accessible on the FDA's website.

16. OTHER INFORMATION

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of the manufacturer knowledge; however, the manufacturer makes no warranty whatsoever expressed or implied of MERCHANTABILITY or FITNESS FOR THE PARTICULAR PURPOSE, regarding the accuracy of such data or the results to be obtained from the use thereof. The manufacturer assumes no responsibility for injury to recipient or to third persons or for any property and recipient assumes all such risk.