



SAFETY DATA SHEET

REVISION DATE 6/1/2015
PRINT DATE: 6/1/2015

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

- 1.1 Product Name:** Universal SafeGard Absorbent™
- 1.2 Product Use:** Absorbent Compound
- 1.3 Manufacturer's Name:** Novus Products Company, LLC
373-B Agnes Drive, Springdale, AR 72762
Tel: 479-361-8727, Fax: 479-419-4032
Website: www.novusproducts.com

2. HAZARDS IDENTIFICATION

- 2.1 OSHA/HSC Status:** The ingredients of this product are NON-HAZARDOUS in accordance with OSHA or CFR 1910-1200. None of the components have been classified as a carcinogen by NTP or IARC.
- 2.2 GHS Classification:** Eye Irritant, Category 2
- 2.3 Signal Word:** Warning
- 2.4 Hazard Statement:** Causes eye irritation
- 2.5 Precautionary Statements:** Wear eye protection. 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 attention.
- 2.6 Other Hazards:** Avoid breathing dust. Exposure to this compound causes no short or long term health effect, but nuisance dust may cause minor respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substance/Mixture:** Substance

Ingredient name	CAS number
Vermiculite (magnesium, aluminum iron silicate)	1318-00-9
Silica (amorphous, precipitated and gel)	112926-00-8

2-Propenoic acid, homopolymer, sodium salt	9003-04-7
---	-----------

4. FIRST AID MEASURES

4.1 Inhalation: Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

4.2 Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Do NOT use solvents or thinner.

4.3 Eye contact: Check for and remove contact lenses. Immediately flush with running water for at least 20 minutes holding eyelids open. Seek medical attention if irritation develops.

4.4 Ingestion: If swallowed, seek medical advice immediately and show this container or label. Keep person warm and at rest. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Use an extinguishing agent suitable for the surrounding material.

5.2 Unsuitable extinguishing media: Full water jet.

5.3 Special hazards in fire: In the event of fire carbon dioxide and carbon monoxide can be release. No other specific fire or explosion hazard. The compound when wet may render slick surfaces.

5.4 Protective equipment for firefighters: No special protective measure against fire required.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions protective equipment and emergency procedures: Forms slippery surfaces with water. Use personal protective equipment taking note of any applicable information is Section 8.

6.2 Environmental precautions: Although the compound itself is non-hazardous, material collected during cleanup operations may be contaminated and should be treated as hazardous. Inform the relevant authorities if the product has caused environmental pollution.

6.3 Methods for cleaning up: Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Workers should wash hands and face before eating, drinking, and smoking. Remove contaminated clothing and protective equipment before entering eating areas. When transferring material into flammable solvents, use proper grounding to avoid electric sparks. Do not inhale/ dust/ fumes/ aerosols.

7.2 Conditions for safe storage: Do not store with or near incompatible materials (see Section 10). Store in accordance with local regulations in tightly closed containers out of contact with the elements. Store container in a dry, cool and well-ventilated area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters: ACGIH TLV, OSHA PEL

8.2 Engineering controls: Use local exhaust if excessive dusting occurs. Maintain exposure limits below of nuisance particulates of 10 mg/M³ for total particulates and 3 mg/M³ for respirable particulates. The need for local exhaust ventilation should be evaluated by a professional industrial hygienist.

8.3 Personal protective equipment:

- 8.3.1** Eye protection: Chemical protective goggles are recommended or safety glasses with side shields.
- 8.3.2** Gloves: Protective gloves made of PVC or similar construction materials are recommended.
- 8.3.3** Respirator: If dusts or particulates are generated during handling or processing and exposures may exceed the limits cited above, use, as a minimum, a NIOSH approved ½ face piece respirator with cartridges approved for particulates matter with an exposure limit of not less than 0.05 mg/M³.
- 8.3.4** Clothing: Appropriate footwear and any additional skin protection measures (ex: coated apron) should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information based on physical and chemical properties:

- 9.1.1 Physical state: Solid.
- 9.1.2 Form: Granular
- 9.1.3 Color: Light brown with white specs throughout
- 9.1.4 Odor: None
- 9.1.5 Odor Threshold: None
- 9.1.6 pH: 5.2 to 7.5
- 9.1.7 Melting point: not available
- 9.1.8 Boiling point: not available
- 9.1.9 Flash point: not available
- 9.1.10 Evaporation rate: not available
- 9.1.11 Flammability: not available
- 9.1.12 Upper explosion/ ignition limit: not available
- 9.1.13 Lower explosion limit: not available
- 9.1.14 Relative vapor density: not available
- 9.1.15 Relative density: not available
- 9.1.16 Solubility: insoluble
- 9.1.17 Partition coefficient (n-octanal/ water) : not available
- 9.1.18 Viscosity: not available
- 9.1.19 Bulk density: .27gms cc³ / 16.84 lbs ft³

10. STABILITY AND REACTIVITY

10.1 Chemical stability: The product is stable under normal storage and conditions.

10.2 Reactivity: Can be reactive or incompatible with the following materials: acids, oxidizing materials, strong alkalis and reducing agents. Avoid temperatures over 300°.

10.3 Hazardous decomposition products: None under normal conditions of storage and use.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

- 11.1.1 Acute toxicity (oral): no known significant effects or critical hazards.
- 11.1.2 Acute toxicity (inhalation): May aggravate existing asthmatic or respiratory conditions.
- 11.1.3 Acute toxicity (dermal): Eye contact may cause mechanical irritations if exposed to excessive amounts.
- 11.1.4 Irritation/ corrosion of the skin: Skin contact may aggravate existing dermatitis.
- 11.1.5 Irritancy of product: no known significant effects or critical hazards.
- 11.1.6 Skin sensitization: no known significant effects or critical hazards.
- 11.1.7 Respiratory sensitization: no known significant effects or critical hazards.
- 11.1.8 Carcinogenicity-IARC: no known significant effects or critical hazards.

- 11.1.9 Carcinogenicity -ACGIH: no known significant effects or critical hazards.
- 11.1.10 Reproductive toxicity: no known significant effects or critical hazards.
- 11.1.11 Teratogenicity: no known significant effects or critical hazards.
- 11.1.12 Embrotoxicity: no known significant effects or critical hazards.
- 11.1.13 Mutagenicity: no known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity Assessment: Ecological injuries are not known or expected under normal use. Aquatic toxicity is unlikely due to low solubility.

12.2 Persistence/ degradability: Not readily biodegradable.

12.3 Mobility in soil: Not available

12.4 Other adverse effects: The compound is considered to be a weak water pollutant. Abide by local laws and do not allow to enter soil, waterways or waste water canal.

13. DISPOSAL CONSIDERATIONS

13.1 Disposal methods: The generation of waste should be avoided or minimized wherever possible. As prepared this product is considered non-hazardous. It should be disposed of in and EPA approved landfill or incinerated in accordance with all local, state and federal regulation. If used or waste product is disposed of testing, including TCLP, should be conducted to determine hazard characteristics.

13.2 Contaminated packaging: Empty containers will contain product residues. Do not allow empty containers or packaging to be used for any purpose except to store and ship original product.

14. TRANSPORT INFORMATION

14.1 Not regulated under Department of Transportation regulation:

14.1.1 TDG: N/A

14.1.2 DOT: N/A

14.1.3 PIN: N/A

14.1.4 IMO: N/A

14.1.5 ICAO: N/A

15. REGULATORY INFORMATION

15.1 United States:

15.1.1 TSC: All components are listed or exempted.

- 15.1.2 SARA 302/304 and 311/312:** All components are listed or exempted.
15.1.3 OSHA: Irritant, lung hazard, skin hazard, eye hazard
15.2 Australia (AICS): All components are listed or exempted
15.3 Canada (WHMIS): All components are listed or exempted.

16. OTHER INFORMATION

<i>Emergency response telephone number: 1-800-535-5053 / 1-866-294-0487</i>

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 of 6/1/2015

The information given is herein 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 compound 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.