

# Safety Data Sheet

## XSORB® Rock Solid™ Paint Hardener

SDS Revision Date:

12/23/2014

### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

**Product Identity** XSORB® Rock Solid™ Paint Hardener  
**Alternate Names** XSORB Rock Solid Paint Hardener

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Intended use** See Technical Data Sheet.  
**Application Method** See Technical Data Sheet.

#### 1.3. Details of the supplier of the safety data sheet

**Company Name** Impact Absorbents, Inc  
5255 Traffic Way  
Atascadero, CA 93422. USA

#### Emergency

**CHEMTREC (USA)** (800) 424-9300  
**Customer Service: Impact Absorbents, Inc** 805-466-4709

### 2. Hazard identification of the product

#### 2.1. Classification of the substance or mixture

No applicable GHS categories.

#### 2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

#### **[Prevention]:**

No GHS prevention statements

#### **[Response]:**

No GHS response statements

#### **[Storage]:**

No GHS storage statements

#### **[Disposal]:**

No GHS disposal statements

### 3. Composition/information on ingredients

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This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations   | Weight % | GHS Classification | Notes  |
|--|----------|--------------------|--------|
| 2-Propenoic acid, polymer with sodium 2-propenoate<br>CAS Number: 0009033-79-8 | 50 - 75  | Not Classified     | [1]    |
| Amorphous Alumina Silicate Perlite<br>CAS Number: 0093763-70-3                 | 50 - 75  | Not Classified     | [1][2] |

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

#### General

In all cases of doubt, or when symptoms persist, seek medical attention.  
Never give anything by mouth to an unconscious person.

#### Inhalation

Remove the person to fresh air. Get medical attention if irritation or discomfort persists.

#### Eyes

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

#### Skin

No hazards which require special first aid measures.

#### Ingestion

The product is not considered toxic based on studies on laboratory animals.

### 4.2. Most important symptoms and effects, both acute and delayed

#### Overview

Potential Acute Health Effects: Inhalation of heavy concentrations may cause mild irritation of upper respiratory tract and lungs.

Target Organs: Eyes, lungs

Potential Chronic Health Effects: Inhaling over long periods of high amounts of any nuisance dust may overload lung clearance mechanism and make lungs more vulnerable to respiratory disease.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Water, CO<sub>2</sub>, and dry chemical

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas. Thermal decomposition may produce nitrogen oxides (NO<sub>x</sub>), carbon oxides.

### 5.3. Advice for fire-fighters

None applicable if product is unused. If used to absorb flammable liquids, then consult MSDS of the flammable liquid. Slippery conditions may be created if spill product comes in contact with water.

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ERG Guide No. ----

### 6. Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

#### 6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

#### 6.3. Methods and material for containment and cleaning up

Sweep with broom or vacuum into a suitable disposal container. Wear appropriate personal protection. Avoid creating dusty conditions. Comply with state and local regulations for disposal of these products. If used to collect liquid material, dispose in compliance with MSDS of collected liquid.

### 7. Handling and storage

#### 7.1. Precautions for safe handling

Wear appropriate personal protection. Remove material after absorption has taken place. Reseal container after use to prevent evaporation of wetting agent. Wash thoroughly after use.

#### 7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Store in a cool dry place.

Keep containers tightly closed.

Incompatible materials: Hydrofluoric Acid and strong bases such as sodium hydroxide.

Keep in a dry, cool place. Store in a closed container.

#### 7.3. Specific end use(s)

No data available.

### 8. Exposure controls and personal protection

#### 8.1. Control parameters

##### Exposure

| CAS No.      | Ingredient   | Source | Value                |
|--------------|--|--------|----------------------|
| 0009033-79-8 | 2-Propenoic acid, polymer with sodium 2-propenoate | OSHA   | No Established Limit |
|              |  | ACGIH  | No Established Limit |
|              |  | NIOSH  | No Established Limit |

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|              |                                    |          |   |
|--------------|------------------------------------|----------|---|
|              |                                    | Supplier | No Established Limit                    |
| 0093763-70-3 | Amorphous Alumina Silicate Perlite | OSHA     | TWA 15 mg/m3 (total) TWA 5 mg/m3 (resp) |
|              |                                    | ACGIH    | No Established Limit                    |
|              |                                    | NIOSH    | TWA 10 mg/m3 (total) TWA 5 mg/m3 (resp) |
|              |                                    | Supplier | No Established Limit                    |

### Carcinogen Data

| CAS No.      | Ingredient   | Source | Value  |
|--------------|--|--------|--|
| 0009033-79-8 | 2-Propenoic acid, polymer with sodium 2-propenoate | OSHA   | Select Carcinogen: No  |
|              |  | NTP    | Known: No; Suspected: No   |
|              |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0093763-70-3 | Amorphous Alumina Silicate Perlite                 | OSHA   | Select Carcinogen: No  |
|              |  | NTP    | Known: No; Suspected: No   |
|              |  | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |

### 8.2. Exposure controls

|                             |   |
|-----------------------------|---|
| <b>Respiratory</b>          | If respirable dust exceeds 0.05 mg/m3, use a ventilated respirator with P3 filter cartridge.  |
| <b>Eyes</b>                 | Safety glasses with side shields/goggles are recommended. Do not wear contact lenses.   |
| <b>Skin</b>                 | Gloves are recommended. No special protective clothing required. Impervious gloves with non-slip coating or surface.  |
| <b>Engineering Controls</b> | A system of local exhaust may be used to keep exposures as low as possible.   |
| <b>Other Work Practices</b> | Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse. |

See section 2 for further details. - [Prevention]:

## 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Appearance</b>                                   | White or Buff aggregate or powder Solid  |
| <b>Odor</b>   | Odorless   |
| <b>Odor threshold</b>                               | Not Measured   |
| <b>pH</b>   | 5-7  |
| <b>Melting point / freezing point</b>               | > 2000 degrees F   |
| <b>Initial boiling point and boiling range</b>      | Not Measured   |
| <b>Flash Point</b>                                  | Non-flammable  |
| <b>Evaporation rate (Ether = 1)</b>                 | Not Measured   |
| <b>Flammability (solid, gas)</b>                    | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b> | <b>Lower Explosive Limit:</b> Not Measured<br><b>Upper Explosive Limit:</b> Not Measured |
| <b>Vapor pressure (Pa)</b>                          | Negligible   |
| <b>Vapor Density</b>                                | Not Measured   |

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|  |                |
|--|----------------|
| <b>Specific Gravity</b>                                | Neutral=2.28   |
| <b>Solubility in Water</b>                             | < 1% Slightly  |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |
| <b>Auto-ignition temperature</b>                       | Not Measured   |
| <b>Decomposition temperature</b>                       | Not Measured   |
| <b>Viscosity (cSt)</b>                                 | Not Measured   |
| <b>VOC %</b>   | Not Applicable |
| <b>% Volatile</b>                                      | No Applicable  |

### 9.2. Other information

No other relevant information.

## 10. Stability and reactivity

### 10.1. Reactivity

Hazardous Polymerization will not occur.

### 10.2. Chemical stability

Stable under normal circumstances.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

Hydrofluoric Acid and strong bases such as sodium hydroxide.

### 10.6. Hazardous decomposition products

Reacts with Hydrofluoric Acid to form toxic silicon tetra fluoride gas. Thermal decomposition may produce nitrogen oxides (NOx), carbon oxides.

## 11. Toxicological information

### Acute toxicity

| Ingredient   | Oral LD50, mg/kg               | Skin LD50, mg/kg  | Inhalation Vapor LD50, mg/L/4hr | Inhalation Dust/Mist LD50, mg/L/4hr | Inhalation Gas LD50, ppm |
|--|--------------------------------|-------------------|---------------------------------|-------------------------------------|--------------------------|
| 2-Propenoic acid, polymer with sodium 2-propenoate - (9033-79-8) | > 5,000.00, Rat - Category: NA | No data available | No data available               | No data available                   | No data available        |
| Amorphous Alumina Silicate Perlite - (93763-70-3)                | No data available              | No data available | No data available               | No data available                   | No data available        |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

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| Classification                | Category | Hazard Description |
|-------------------------------|----------|--------------------|
| Acute toxicity (oral)         | ---      | Not Applicable     |
| Acute toxicity (dermal)       | ---      | Not Applicable     |
| Acute toxicity (inhalation)   | ---      | Not Applicable     |
| Skin corrosion/irritation     | ---      | Not Applicable     |
| Serious eye damage/irritation | ---      | Not Applicable     |
| Respiratory sensitization     | ---      | Not Applicable     |
| Skin sensitization            | ---      | Not Applicable     |
| Germ cell mutagenicity        | ---      | Not Applicable     |
| Carcinogenicity               | ---      | Not Applicable     |
| Reproductive toxicity         | ---      | Not Applicable     |
| STOT-single exposure          | ---      | Not Applicable     |
| STOT-repeated exposure        | ---      | Not Applicable     |
| Aspiration hazard             | ---      | Not Applicable     |

## 12. Ecological information

### 12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

#### Aquatic Eco toxicity

| Ingredient   | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--|-----------------------|----------------------------|-------------------|
| 2-Propenoic acid, polymer with sodium 2-propenoate - (9033-79-8) | Not Available         | Not Available              | Not Available     |
| Amorphous Alumina Silicate Perlite - (93763-70-3)                | Not Available         | Not Available              | Not Available     |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bio accumulative potential

Not Measured

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

### 12.6. Other adverse effects

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No data available.

### 13. Disposal considerations

#### 13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

### 14. Transport information

|                                    | DOT (Domestic Surface Transportation)              | IMO / IMDG (Ocean Transportation)                 | ICAO/IATA                 |
|------------------------------------|--|---|---------------------------|
| 14.1. UN number                    | Not Applicable                                     | Not Regulated                                     | Not Regulated             |
| 14.2. UN proper shipping name      | Not Regulated                                      | Not Regulated                                     | Not Regulated             |
| 14.3. Transport hazard class(es)   | DOT Hazard Class: Not Applicable<br>DOT Label: --- | IMDG: Not Applicable<br>Sub Class: Not Applicable | Air Class: Not Applicable |
| 14.4. Packing group                | Not Applicable                                     | Not Applicable                                    | Not Applicable            |
| 14.5. Environmental hazards        |  |   |                           |
| IMDG                               | Marine Pollutant: No                               |   |                           |
| 14.6. Special precautions for user | No further information                             |   |                           |

### 15. Regulatory information

|  |   |
|--|---|
| <b>Regulatory Overview</b>                 | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.                               |
| <b>Toxic Substance Control Act ( TSCA)</b> | All components of this material are either listed or exempt from listing on the TSCA Inventory.   |
| <b>WHMIS Classification</b>                | Not Regulated   |
| <b>US EPA Tier II Hazards</b>              | <b>Fire:</b> No<br><b>Sudden Release of Pressure:</b> No<br><b>Reactive:</b> No<br><b>Immediate (Acute):</b> No<br><b>Delayed (Chronic):</b> No |

#### EPCRA 311/312 Chemicals and RQs:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 302 Extremely Hazardous:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

#### EPCRA 313 Toxic Chemicals:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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**Proposition 65 - Carcinogens (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**N.J. RTK Substances (>1%):**

Amorphous Alumina Silicate Perlite

**Penn RTK Substances (>1%):**

Amorphous Alumina Silicate Perlite

### 16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: not applicable

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