

1. Product and Supplier Information

Product Name(s): Humidity Sponge™ **Date:** May 2013
Product Number(s): 3150, 3151

Supplier: Control Company Phone: 281-482-1714
 Drawer 58307 Fax: 281-482-9448
 Houston, TX 77258 email: sales@control3.com

Product Information: 281-482-1714
 Transportation Emergency: 800-424-9300 (Chemtrec)
 International Call 703-527-3887 (collect calls accepted)

2. Composition and Information on Ingredients

CAS #	SARA 313	Material or Component	%	RQ#	Exposure Limits	
					TWA*	STEL*
1302-78-9	No	Bentonite (EINECS 215-108-5)	>99	None	As dust: 5 mg/m3	OSHA 5 mg/m3
14808-60-7	No	Crystalline quartz	<1	None	As dust: 0.1 mg/m3	OSHA 0.1 mg/m3

No component is listed in "Threshold and Biological Exposure Indices for 2005" from ACGIH except as noted above. Components listed in Title III Sec. 313 (EPCRA) are indicated by "Yes" above.

*TWA= Time Weighted Average; STEL= Short Term Exposure Limit; WEEL= Workplace Employee Exposure Level. AEL: acceptable Exposure Limit; NE= Not Established

3. Hazards Identification

Hazard description: Xi Irritant

Information pertaining to particular dangers for man and environment

R 36/37/38 Irritating to eyes, respiratory system and skin.

Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers.

They are intended and useful only as a rapid approximation of the hazards rated.

Hazard Categories:	Health	Fire	Pressure	Reactivity	Reference 49 CFR 171.8, OSHA 29 CFR 1910.1200 and SARA 302/311/312/313.
Immediate	Yes	No	No	No	
Delayed	Yes	No	No	No	
HMIS Hazard Ratings: Health 1 Fire 0 Instability 0 Other PPE depends on conditions.					
NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA					
Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4					

4. First Aid

After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Seek immediate medical advice.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: Seek immediate medical advice.

5. Fire Fighting Measures

Flammability Summary (OSHA):

Suitable extinguishing agents:

Carbon dioxide, extinguishing powder or water spray. Fight larger fires with water spray or foam.

Protective equipment:

Wear self-contained respirator and fully protective suit.

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6. Accidental Release Measures

Personal Protection for Emergency Situations:

Person-related safety precautions:
 Wear protective equipment. Keep unprotected persons away.
 Ensure adequate ventilation
 Measures for environmental protection:
 Do not allow material to be released to the environment without proper governmental permits.
 Measures for cleaning/collecting: Ensure adequate ventilation.
 Additional information:
 See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment.

7. Handling and Storage

Keep container tightly sealed.
 Store in cool, dry place in tightly closed containers.
 Ensure good ventilation at the workplace.
 Information about protection against explosions and fires:
 No special measures required.
 Storage:
 Requirements to be met by storerooms and receptacles:
 No special requirements.
 Information about storage in one common storage facility: Not required.
 Further information about storage conditions:
 Keep container tightly sealed.
 Store in cool, dry conditions in well sealed containers.

8. Exposure Controls and Personal Protection

Components with limit values that require monitoring at the workplace:
 Not required.
 Personal protective equipment
 General protective and hygienic measures:
 The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Remove all soiled and contaminated clothing immediately.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.
 Breathing equipment:
 Use suitable respirator when high concentrations are present.
 Protection of hands: Impervious gloves
 Eye protection: Safety glasses
 Body protection: Protective work clothing.

9. Physical Data

Form: Powder	Vapor pressure: Nil
Color: Grey	Density: Variable due to handling
Odor: Characteristic	Solubility in / Miscibility with water: Insoluble
Melting point/Melting range: Not determined	
Boiling point/Boiling range: Not determined	
Sublimation temperature / start: Not determined	
Flash point: None	
Ignition temperature: Not applicable	
Decomposition temperature: Not determined	
Danger of explosion: No danger.	

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10. Stability and Reactivity

Decomposition will not occur if used and stored according to specifications.

Materials to be avoided: None known.

Dangerous reactions: No dangerous reactions known

Dangerous products of decomposition:

No dangerous decomposition products known

11. Toxicological Information

Acute toxicity:

Primary irritant effect:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Subacute to chronic toxicity:

Inorganic silicon compounds may be acute inhalation irritants. Prolonged inhalation may cause pulmonary fibrosis known as silicosis.

Subacute to chronic toxicity:

Aluminum may be implicated in Alzheimers disease. Inhalation of aluminum-containing dusts may cause pulmonary disease.

Additional toxicological information:

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

The Registry of Toxic Effects of Chemical Substances (RTECS) contains tumorigenic and/or carcinogenic and/or neoplastic data for components in this product.

12. Ecological Information

Ecological Toxicity Values:

Do not allow material to be released to the environment without proper governmental permits.

13. Disposal Considerations

No data provided.

14. Transportation Information

No data provided.

15. Regulatory Information

No data provided.

16. Additional Information

THE PURPOSE OF THIS MSDS IS TO PROVIDE SAFE HANDLING INFORMATION FOR USERS OF THE PRODUCT. IT IS NOT INTENDED TO, NOR DOES IT, PROVIDE COMPLETE OR EXTENSIVE TRANSPORTATION, DISPOSAL, REGULATORY OR TOXICOLOGICAL DATA ON THE PRODUCT OR ITS COMPONENTS. USERS WHO REQUIRE THIS INFORMATION ARE REFERRED TO RELEVANT LOCAL, STATE AND FEDERAL REGULATIONS FOR THE INGREDIENTS OF INTEREST.

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