

Safety Data Sheet

Ultra Seal® Well Bond II

Trade Name: Ultra Seal Well Bond II

Revision Date: 06/3/2016

1. Chemical Product and Company Identification

Trade Name: Ultra Seal®Well Bond
Chemical Family: Polymers & Other Additives
Product Use: Pressure Sealant
Emergency Telephone (24 hour): 337 984 0471

Supplied By: M&D Industries of Louisiana, Inc PO Box 82094 Lafayette, LA 70598
Telephone Number: 337 984 0471
Contact: Robert Copeland

HMIS

Health: 1 Flammability: 1 Physical Hazard: 0 PPE: E

HMIS Key: 4=severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal Hazard *Chronic Effects – see section 11, see section 8 for Personal Protective Equipment recommendations

2. Composition/Information on Ingredients

Ingredient	CAS No	Wt%	Ingredient Comments
Copolymer of Acrylamide: Sodium Acrylate	25085-02-3	20-40	NA
Nylon 6 (poly[imino(1-oxo-1,6-hexanediyl)])	25038-54-4	2-15	NA
Silica Flour	14808-60-7	50-70	Crystalline-Quartz

3. Hazard Identification

Emergency Overview: Caution! May cause eye, skin, and respiratory tract irritation. Long-term inhalation of particulates ,may cause lung damage. This product contains crystalline silica that may cause silicosis and cancer.

Physical: Flowing **Odor:** Mild (very faint) **Color:** Greenish/White **Physical State:** Viscous Liquid

Potential Health Effects: Acute effects

Eye Contact: May cause mechanical irritation

Skin Contact: May cause mechanical irritation. Long term contact can cause skin dryness

Inhalation: May cause mechanical irritation

Ingestion: May cause gastric distress, nausea, and vomiting

Carcinogenicity & Chronic Effects: Some particulate dust may cause allergic sensitization of some individuals, characterized either by breathing distress or topical skin irritation symptoms. This product may cause silicosis and cancer. Good safety practices, such as gloves, safety glasses and respiratory protection, should be followed.

Routes of Exposure: Eyes. Dermal (skin) contact, inhalation; over-exposure by inhalation may cause sneezing and transient respiratory tract irritation

Target Organs: Eyes, skin, respiratory system

4. First Aid Measures

Eye Contact: Promptly wash eyes with lots of water while lifting eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues

Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if any discomfort continues

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Get medical attention

Ingestion: Dilute with 2-3 glasses of water or milk, if conscious. Never give anything by mouth to an unconscious person. If signs of irritation or toxicity occur seek medical attention

5. Fire Fighting Measures

Flammable Properties

Flash Point: Not Applicable

Flammable Limits in Air – Lower: Not applicable

Flammable Limits in Air – Upper: Not applicable

Auto ignition temperature: Not applicable

Flammability Class: Not Applicable

Other flammability properties: Particulate may accumulate static electricity , Dust at sufficient concentrations can form explosive mixtures with air

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Protection of Fire Fighters

Special Fire Fighting Procedures: Do not enter fire area without proper personal protective equipment; including NIOSH/MSHA approved SCBA. Evacuate area and fight fire from safe distance. Water spray may be used to keep fire-exposed containers cool. Keep water run-off out of sewers and waterways.

Hazardous Combustion Products: Not determined

6. Accidental Release Measures

Personal Precautions: Use personal protective equipment identified in section 8

Spill Procedures: Evacuate surrounding area, if necessary. Wet product may create a slipping hazard. Contain spill material. Avoid the generation of dust. Sweep, vacuum, or shovel and place into closable container for disposal. Use proper PPE for this task.

Environmental precautions: Do not allow entering sewer or surface and subsurface waters. Waste must be disposed of in accordance with federal, state, and local laws.

7. Handling and Storage

Handling: Put on appropriate personal protective equipment. Avoid contact with skin and eyes. Avoid generating or breathing dust. Product is slippery when wet. Use only in well ventilated area. Wash contacted areas thoroughly after handling.

Storage: Store in dry, well ventilated area. Keep container closed. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink wrapping, and stacking.

8. Exposure Control/Personal Protection

Ingredient	CAS No	Wt %	ACGIH	TWA	Other	Notes
Nylon 6 (poly[imino(1-oxo-1,6-hexanediyl)])	25038-54-4	2-15				
Copolymer of Acrylamide: Sodium Acrylate	25085-02-3	20-40	0.5 mg/m3	10 mg/m3		
Silica Flour Silica Dioxide	14808-60-7	50-70	0.1mg/m3	0.1 mg/m3	Crystalline-Quartz	

Notes:

6/3/2017

Engineering Controls: Use appropriate engineering controls such as, exhaust ventilation and process enclosure, to ensure air contamination and keep workers exposure below the applicable limits.

Personal Protective Equipment

Eye/Face Protection: Dust resistant safety goggles

Skin Protection: Wear appropriate clothing to prevent repeated or prolonged skin contact. Chemical resistant gloves recommended for prolonged or repeated contact. Use protective gloves made/have: Neoprene, Nitrile

Respiratory Protection: Use at least a NIOSH-approved N95 half-mask disposable or reusable particulate respirator (dust mask). In work environments containing oil mist/aerosol, use at least NIOSH-approved P95 mask disposable or reusable particulate respirator. For exposure exceeding 10 x PEL use NIOSH-approved N100 Particulate Respirator.

General hygiene: Work clothes should be washed separately at the end of each work day. Disposable clothing should be discarded, if contaminated with product.

9. Physical and Chemical Properties

Color: Greenish/White

Odor: Mild (or faint)

Physical State: Viscous Liquid

pH: Neutral

Vapor Pressure: N/A

Vapor Density: N/A

Boiling point: Not determined

Melting/Freezing Point: Not determined

Solubility (water): Insoluble

Specific gravity (H₂O = 1): 1.17 @ 77F

Evaporation rate: Not applicable

Odor threshold(s): Not applicable

10. Stability and Reactivity

Chemical Stability: Stable

Conditions to avoid: Keep away from heat, sparks, and flame

Materials to avoid: Avoid strong oxidizers

Hazardous decomposition of Byproducts: Product will not readily decompose

Hazardous polymerization: Will not occur

11. Toxicological Information

Component Toxicological Data

Ingredient	CAS No	Acute Data
Nylon 6 (poly[imino(1-oxo-1,6-hexanediyl)])	25038-54-4	
Copolymer of Acrylamide: Sodium Acrylate	39430-51-8	Oral LD50: >2000 mg/kg
Silica Flour, Silica Dioxide	14808-60-7	Oral (LD50)mg/kg: Acute: 3160 (Rat).

Ingredient	Component Toxicological Summary

6/3/2017

Product Toxicological information:

Long term inhalation of product can cause irritation, inflammation, and/or permanent injury to the lungs. Irritant in case of eye contact and inhalation. Irritant in case of skin contact and ingestion. Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans.

12. Ecological information

Component Eco toxicity Data: No data available

Product Eco toxicity Data: Not determined.

Biodegradation: Not determined

Bioaccumulation: Not determined

Octanol/water Partition: Not determined

13. Disposal Considerations

Waste Classification: Not determined

Waste Management: Under US EPA Resource Conservation and Recovery Act (RCRA), it is the responsibility of the user to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixes, processes, etc., may render the resulting materials hazardous. Empty containers retain residues. All labeled precautions must be observed.

Disposal Method: Not hazardous according to the RCRA criteria or listings. Dispose of according to Local, State and National Regulations. Dispose in general landfill.

14. Transport information – US DOT

Shipping description: Not a DOT/IMO Hazardous Material

TDG (Canada): Not regulated

Shipping description: Not regulated

DOT Class: None

IMCO: None

ICAO/IATA: None

15. Regulatory Information

U.S. Federal and State Regulations

SARA 311/312

SARA 311/312 Hazard Categories: Delayed (chronic) health hazard.

Ingredient	SARA313	CERCLA RQ	SARA 302/TPQs	CA 65 Cancer	CA 65 Dev. Tox.	CA 65 Repro F	CA 65 Repro M
Nylon 6 (poly[imino(1-oxo-1,6-hexanediy)])	Not Listed	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
Copolymer of Acrylamide	Not listed	Listed	Listed	Listed	Not listed	Listed	Not listed
Silica Flour	Not Listed	Listed	Listed	Listed	Not listed	Not listed	Not listed

State Comments: Proposition 65: This product contains chemical(s) considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 to cause cancer and/or reproductive toxicity. See table under US Federal and State Regulations for the specific chemicals.

International inventories

Ingredient	CAS No	TSCA	DSL	NDSL	EINECS	AICS
Nylon 6 (poly[[imino(1-oxo-1,6-hexanediy)]])	25038-54-4	Listed	Listed	Not listed	Listed	Listed
Copolymer of Acrylate	25085-02-3	Listed	Listed	Not listed	Listed	Listed
Silica Flour	14808-60-7	Listed	Listed	Not Listed	Listed	Listed

Inventory Comment: "Listed" indicates the component is listed or exempt from listing on the chemical inventory

Canadian Regulations:

Controlled Products Regulations Statement: This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all the information required by the CPR

WHMIS Class: D2A. Material causing other toxic effects (crystalline silica)

DSCL (EEC): R26/28 – Very toxic by inhalation-crystalline silica. R36 – Irritating to eyes.

16. Other Information

All the recommendations and suggestions herein concerning our product are based upon tests and data believed to be reliable, however, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by M&D Industries of Louisiana, Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product nor does M&D Industries of Louisiana, Inc. assume any liability arising out of use by others. Nor is the information herein to be considered absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.