

Safety Data Sheet Acid Shield Tape

I. Product and Company Identification

Product Name: Acid Shield Tape
Supplier: NRI 3875 Fiscal Court, Ste #100 Riviera Beach, FL 33404 (561) 683-6992
Emergency Phone Number: 800-535-5053
Product Description: Hardener solution
Product Use: Intended to repair pipes
Chemical Name or Synonym: N/A

II. Hazards Identification

Classification of the substance or mixture: Not classified
Label Elements: No label
Hazard Statements: No known significant effects or critical hazard.
Signal Word: No signal word
Precautionary Statement: Not Applicable
Hazard not otherwise classified: None known.

III. Composition/ Information on Ingredients

Chemical Name	CAS-No	Weight %
Glass, oxide, chemicals	65997-17-3	95
Organic surface binder/sizing	Not available	5

IV. First Aid Measures

First Aid Measures for Accidental:

Eye Contact: Check and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, lifting upper and lower eyelids; get medical attention if irritation persist
Skin Contact: Remove contaminated clothing and shoes. Gently wash with plenty of soap and water. If irritation persists get medical attention. If glass fiber becomes embedded, get medical attention.
Ingestion: Not a likely route of exposure.
Inhalation: None known.

Most important symptoms/effects, acute and delayed:

Eye contact: Dusts from this product may cause temporary mechanical irritation.
Inhalation: Dusts from this product may cause temporary mechanical irritation of the nose, throat and respiratory tract.
Skin contact: Dusts from this product may cause temporary mechanical irritation.
Ingestion: Although ingestion of this product is not likely to occur in industrial application, accidental ingestion may cause illness or irritation of the mouth and gastrointestinal tract.
Over exposure signs/symptoms: No specific data
Indication of immediate medical attention and special treatment needed: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

V. Fire Fighting Measures

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Safety Data Sheet Acid Shield Tape

Special Fire Fighting Procedures: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action should be taken involving any personal risk or without suitable training.

Special Protective Equipment for Fire-fighters: Fiberglass itself will not support combustion, but in a sustained fire, proper protection against products or combustion from the fuel and sizing/binder must be worn.

Unusual Fire and Explosion Hazard: No specific fire or explosion hazard. Material is not an electrical conductor and may accumulate static charge.

Hazardous Decomposition Materials (Under Fire Conditions): Fiberglass will not burn but smoking of the product may occur at approximately 400 – 500 °F due to decomposition of the surface binder. Surface binders may decompose in a fire situation and release carbon monoxide, carbon dioxide and water. Additionally, there are many chemicals that can evolve during any partial decomposition of chemical products. The amounts or identities cannot be predicted and can differ in each situation.

VI. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: No special protection is required. Fiberglass is generally considered to be an inert solid waste. No special precautions are needed in case of a release or spill.

Cleanup and Disposal of Spill: Vacuum or sweep up material and place in a designated, labeled waste container.

VII. Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes, skin and clothing; wear suitable protective clothing and personal protective equipment. Do not eat, drink or smoke while handling. Wash thoroughly after handling.

Conditions for safe storage including any incompatibilities: Store in a cool, dry place with adequate ventilation.

VIII. Exposure Controls / Personal Protection

Exposure Guidelines:

Component	Exposure Limits		
	ACGIH-TLV	NIOSH	OSHA-PELs
Synthetic vitreous fibers	TWA: 1f/cc (continuous filament glass fibers) TWA: 5 mg/m ³ (Inhalable) TWA: 3mg/m ³ (Respirable) TWA: 10 mg/m ³ (Total dust)	-	TWA: 15mg/m ³ TWA: 5mg/m ³ (Respirable) TWA: 15mg/m ³ :L (Total dust)

Appropriate Engineering Controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment:

Respiratory Protection: If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Eye / Face Protection: Wear safety glass with side shields.

Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

Additional protective measures: Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls or long sleeved loose fitting clothing will maximize comfort. Appropriate techniques should be used to remove potentially contaminated

Safety Data Sheet
Acid Shield Tape

clothing. Work clothing should be laundered separately from other clothing before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

IX. Physical and Chemical Properties

Physical Appearance:	White to yellowish solid
Odor:	Odorless
Odor Threshold:	No data available
pH:	No applicable
Flash Point:	No applicable (Product does not sustain combustion)
Melting Point Range:	No applicable
Boiling point:	No data available
Evaporation rate (ether=1):	No data available
Flammability (solid, gas):	No data available
Flammability Limits in Air:	No data available
Viscosity:	No applicable
Water Solubility:	Insoluble
Solubility in other solvents:	No data available
Vapor Pressure:	No data available
Vapor density (Air=1)	No data available
Relative Density:	2.65 to 2.7
Partition coefficient (n-octanol/water):	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Volatility:	0% (v/v), 0% (w/w)
% Solid (w/w):	100

X. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Chemical Stability: Stable under standard normal conditions.

Possibility of Hazardous reactions: None under normal conditions of storage and use.

Conditions to Avoid: When exposed to high temperatures may produce hazardous decomposition products.

Incompatible Materials / Chemicals: None known.

Hazardous Decomposition Products: Fiberglass products may release small amounts of acetic acid and other organic materials at elevated temperatures.

XI. Toxicological Information

Numerical measures of toxicity: No data available

Safety Data Sheet
Acid Shield Tape

Acute Toxicity: No known significant effects or critical hazards.

Respiratory irritation: No known significant effects or critical hazards.

Skin irritation: No known significant effects or critical hazards.

Eyes irritation: No known significant effects or critical hazards.

Respiratory or Skin Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Carcinogen Classification Code:

IARC: 1, 2A, 2B, 3, 4

NTP: Known to be a human carcinogen. Reasonably anticipated to be a human carcinogen

Reproductive Toxicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Specific Target Organ Toxicity - single exposure (STOT-se): No data available

Specific Target Organ Toxicity - repeated exposure (STOT-re): No data available

Target Organs: Contains material which may cause damage of the following organs: upper respiratory tract, skin, eyes.

Information on the likely route of exposure:

Skin contact: Dusts from this product may cause temporary mechanical irritation.

Eye contact: Dusts from this product may cause temporary mechanical irritation.

Inhalation: Dusts from this product may cause temporary mechanical irritation of the nose, throat and respiratory tract.

Ingestion: Although ingestion of this products is not likely to occur in industrial applications, accidental ingestion may cause illness or irritation of the mouth and gastrointestinal tract.

Over-exposure signs / symptoms: No specific data

Delayed and immediate effect and also chronic effects from short and long term exposure: No known significant effects or critical hazards.

XII. Ecological Information

Ecotoxicity Effects: Not data available

Persistence and degradability: Not data available

Bioaccumulative potential: Not data available

Mobility in soil: No data available

Results of PBT and vPvB assessment: No data available

Other adverse effects: No other adverse effects are identified.

XIII. Disposal Considerations

Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Dispose surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Uncleaned packaging: Containers should be drained of all residual product prior to disposal. Do not reuse empty containers without commercial cleaning or reconditioning.

XIV. Transport Information

IMDG

UN-Number: Not regulated

Safety Data Sheet
Acid Shield Tape

Shipping Name: -
Technical shipping name: -
Packing group: -
Environmental hazard: No
Marine pollutant: No applicable

IATA

UN-Number: Not regulated
Proper Shipping Name: -
Packing Group: -
Environmental hazard: No
Marine pollutant: No applicable

DOT

UN-Number: Not regulated
Proper Shipping Name: -
Packing Group: -
Environmental hazard: No
Marine pollutant: No applicable

XV. Regulatory Information

SARA Title III Section 311/312: Not applicable
SARA Title III Section 302/304: Not applicable
United States inventory (TSCA 8b): All components are listed or exempted
Australia inventory (AICS): All components are listed or exempted
Canada inventory (DSL): All components are listed or exempted
China inventory (IECSC): All components are listed or exempted
Europe inventory (REACH): All components are listed or exempted
Korea inventory (KEIC): All components are listed or exempted
New Zealand inventory (NZIoC): All components are listed or exempted
Philippines inventory (PICCS): All components are listed or exempted
Japan inventor (ENCS): All components are listed or exempted

XVI. Other Information

Key Legend Information:

N/A – Not Applicable
ND – Not Determined
OSHA – Occupational Safety and Health Administration
NIOSH – National Institute for Occupational Safety and Health

The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not as product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. NRI makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these

Safety Data Sheet
Acid Shield Tape

recommendations in the specific context of the intended use and determine whether they are appropriate. NRI assumes no responsibility for injury from the use of the product described herein. The information is intended only to assist in the safe handling of this material.

(R1) Revision date: 01.21.16