

# MATERIAL SAFETY DATA SHEET

SHOCKWATCH TUBE

FILE NO.:  
MSDS DATE: 1/2/13

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: ShockWatch Tube – Label Product

SYNONYMS: \*

PRODUCT CODES: \*

MANUFACTURER: ShockWatch Inc.

DIVISION: ShockWatch

ADDRESS: 510 Corporate Dr., Graham, TX USA 76450

EMERGENCY PHONE: 1-800-466-0101

CHEMTREC PHONE: 1-800-466-0101

OTHER CALLS: 1-800-466-0101

FAX PHONE: 940-549-8947

CHEMICAL NAME: N/A

CHEMICAL FAMILY: N/A

CHEMICAL FORMULA: N/A

PRODUCT USE: Impact Sensor

PREPARED BY: Ron Wersal

SECTION 1 NOTES:

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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### INGREDIENT:

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>Nomenclature</u>
	<90	90	Borosilicate Glass
	>3	3.5	Distilled Water
7447-41-8	<1	.5	Lithium Chloride
107-21-1	>2.5	2.7	Ethylene Glycol
9049-10-0	<2.5	2.3	Epoxy
	>1	1	FDIC red Dye #27

SECTION 2 NOTES:

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## SECTION 3: HAZARDS IDENTIFICATION

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EMERGENCY OVERVIEW: ShockWatch is a sealed Pyrex glass tube that is non – flammable and presents no health hazards.

HMIS Rating:

Health: 0

Flammability: 0

Reactivity: 0

NFPA Rating:

Health: 0

Flammability: 0

Reactivity: 0

For additional information on toxicity, please refer to Section 11

SECTION 3 NOTES:

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## SECTION 4: FIRST AID MEASURES

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**EYES:** If broken glass or product is present flush eyes, and get immediate medical attention

**SKIN:** Wash thoroughly with soap and water

**INGESTION:** Seek medical attention

**INHALATION:** N/A

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

**SECTION 4 NOTES:** If tube is broken, glass could get into eyes, Use safety glasses.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** N/A  
(% BY VOLUME)                      **LOWER:** N/A

**FLASH POINT:**

**F:** N/A

**C:** N/A

**METHOD USED:** N/A

**AUTOIGNITION TEMPERATURE:**

**F:** N/A

**C:** N/A

**NFPA HAZARD CLASSIFICATION**

**HEALTH:** None

**OTHER:** None

**FLAMMABILITY: REACTIVITY:** None

**HMIS HAZARD CLASSIFICATION**

**HEALTH:** None

**PROTECTION:** None

**FLAMMABILITY: REACTIVITY:** None

**EXTINGUISHING MEDIA:** N/A

**SPECIAL FIRE FIGHTING PROCEDURES:** None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None

**SECTION 5 NOTES:**

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** : If tube is broken, vacuum glass debris, wipe liquid up with household cleaner and dispose of in common trash.

**SECTION 6 NOTES:**

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Precautions should be taken in Handling and Storing, as product is breakable.

**OTHER PRECAUTIONS:** IF glass tube is broken, glass could get into eyes, Use safety glasses.

**SECTION 7 NOTES:**

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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ENGINEERING CONTROLS: N/A

VENTILATION: N/A RESPIRATORY

PROTECTION: N/A

EYE PROTECTION: Use safety glasses, if product is broken

SKIN PROTECTION: Non-hazardous but could cause staining of skin, Use nylon gloves if product is

broken. OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

WORK HYGIENIC PRACTICES:

N/A EXPOSURE GUIDELINES: N/A

SECTION 8 NOTES:

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE: Red, White and Clear

ODOR: None

PHYSICAL STATE: Solid and Liquid

PH AS SUPPLIED: 7.5

PH (Other): N/A

BOILING POINT:

F: 325

C: 162

MELTING POINT:

F:

C:

FREEZING POINT:

F:

C:

VAPOR PRESSURE (mmHg):

20 @

F: 212

C: 100

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.07

EVAPORATION RATE: .2

BASIS (=1):

SOLUBILITY IN WATER: N/A

PERCENT SOLIDS BY WEIGHT: .4

PERCENT VOLATILE: 0%

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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VOLATILE ORGANIC COMPOUNDS (VOC): N/A

WITH WATER: LBS/GAL  
WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: N/A

VISCOSITY:

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F:

C:

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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STABLE

UNSTABLE

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): N/A

INCOMPATIBILITY (MATERIAL TO AVOID): N/A

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N/A

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES:

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: None

SECTION 12 NOTES:

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## SECTION 13: DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: If tube is broken, vacuum glass debris, wipe liquid up with household cleaner and dispose of in common trash.

RCRA HAZARD CLASS: N/A

SECTION 13 NOTES: Non-hazardous dispose of in common trash

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## SECTION 14: TRANSPORT INFORMATION

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This product is considered to be non-hazardous for transport

### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: ShockWatch  
HAZARD CLASS: None  
ID NUMBER: N/A  
PACKING GROUP:  
LABEL STATEMENT:

### WATER TRANSPORTATION

PROPER SHIPPING NAME: ShockWatch  
HAZARD CLASS: None  
ID NUMBER: N/A  
PACKING GROUP:  
LABEL STATEMENTS:

### AIR TRANSPORTATION

PROPER SHIPPING NAME: ShockWatch  
HAZARD CLASS: None  
ID NUMBER: N/A  
PACKING GROUP:  
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

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## SECTION 15: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None

INTERNATIONAL REGULATIONS: None

SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER:

