

MATERIAL SAFETY DATA SHEET

SHOCKWATCH TUBE

MSDS DATE: 2017/05/05

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ShockWatch Tube – Label Product

SYNONYMS: *

PRODUCT CODES: *

MANUFACTURER: ShockWatch

DIVISION: ShockWatch

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:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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:

SECTION 3: HAZARDS IDENTIFICATION

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

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.

SECTION 5: FIRE-FIGHTING MEASURES

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:

SECTION 6: ACCIDENTAL RELEASE MEASURES

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:

SECTION 7: HANDLING AND STORAGE

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

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:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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 (H₂O = 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)

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

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

MOLECULAR WEIGHT: N/A

VISCOSITY:

@

F:

C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

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:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: None

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: None

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

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

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:

SECTION 15: REGULATORY INFORMATION

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:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: