



BE SURE. BE KRYTON.

KRYTONITE™ ADHESIVE K-351
DURABLE ELASTIC ADHESIVE USED WITH KRYTONITE™
SWELLING WATERSTOPS

MATERIAL SAFETY DATA SHEET

NOVEMBER 2015

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: Krytonite™ Adhesive

1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of use	SU3	Industrial uses: Uses of substances as such or in preparations at industrial sites
	SU22	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	PC1	Adhesives, sealants
Process category	PROC10	Roller application or brushing
Environmental release category	ERC5	Industrial use resulting in inclusion into or onto a matrix
	ERC8c	Wide dispersive indoor use resulting in inclusion into or onto a matrix
	ERC8f	Wide dispersive outdoor use resulting in inclusion into or onto matrix
Application of the substance	Adhesive and sealant	

1.3 Details of the supplier of the safety data sheet

Supplier: Kryton International Inc.

Additional information:

Address: 1645 E. Kent Avenue, Vancouver, BC, Canada, V5P 2S8

Telephone Number: 1-604-324-8280

FAX Number: 1-604-324-8899

Web Site: www.kryton.com

1.4 Emergency telephone number

Kryton International Inc.: 1.800.267.8280 (Business Hours)

Call a poison center or doctor/physician in your country

BC, Canada: BC Drug and Poison Information Centre 604.682.5050

Australia: Poisons Information Centre 13 11 26

US: American Association of Poison Control Centers 1.800.222.1222

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS: The product is not classified according to the Globally Harmonized System (GHS)


2.2 Label elements

GHS label elements: Void

Hazard pictogram: Void

Signal word: Void

Hazard statements: Void

NFPA ratings (scale 0-4)		Health = 0 Fire = 0 Reactivity = 0						
HMIS ratings (scale 0-4)	<table border="1"><tr><td>Health Hazard</td><td>0</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	0	Fire Hazard	0	Reactivity	0	Health = 0 Fire = 0 Reactivity = 0
Health Hazard	0							
Fire Hazard	0							
Reactivity	0							

2.3 Other hazards

PBT/vPvB assessment: Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterisation: mixtures

Description: Adhesive based on MS-hybrid-polymer

Dangerous components: None

Additional information: Not applicable

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures

General information: No special measures required

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Wash with plenty of water or water and soap. In cases of sickness seek medical advice (show label if possible).

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing: Drink plenty of water and supply fresh air. Seek medical advice immediately and show the label or packaging.

4.2 Most important symptoms and effects – acute and delayed

No further relevant information available

4.3 Indication of immediate medical attention and special treatment needed

No further relevant information available

SECTION 5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media are CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear self-contained respiratory protective device.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing and ensure adequate ventilation

6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water

6.3 Methods and material for containment and cleaning up

Pick up mechanically. Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

No dangerous substances are released

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures required.

7.2 Protection against explosions and fires

No special measures required

7.3 Conditions for safe storage

Store product in a cool, dry and well-ventilated area, only in tightly closed original container

7.4 Specific end use(s)

No further relevant information available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredients requiring monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Do not eat, drink, smoke or sniff while working.

Respiratory protection: Not necessary if room is well ventilated

Hand protection: Glove material has to be impermeable and resistant to the product. Nitrile rubber (NBR), natural rubber (NR) or polyvinyl alcohol (PVA) gloves are recommended. The exact break through time has to be found by the glove manufacturer and has to be observed.

Eye protection: Goggles recommended during refilling

Body protection: Light weight protective clothing recommended

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Pasty

Colour: Grey

Odour: Characteristic

Melting point/Melting range: Undetermined

Boiling point/Boiling range: Undetermined

Self-ignition: The product is not self-igniting

Flash point: Undetermined

Explosion danger: The product does not present an explosion hazard

Density at 20°C: 1.4 g/cm³

Solubility in/miscibility with water: Not miscible or difficult to mix

Solvent content: 0.0% organic solvents

9.2 Other information

No further relevant information available

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

10.2 Chemical stability

No decomposition if used according to specifications

10.3 Possibility of hazardous reactions

No dangerous reactions known

10.4 Conditions to avoid

No further relevant information available

10.5 Incompatible materials

Avoid contact with other chemicals

10.6 Hazardous decomposition products

Possible in traces

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity-dermal: No irritant effect known

Acute toxicity-eyes: No irritant effect known

Further information: When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us. The product is not subject to classification according to internally approved calculation methods for preparations:

Carcinogenic categories: **IARC (International Agency for Research on Cancer):**

Titandioxid – 2B

NTP (National Toxicology Program):

None of the ingredients is listed

OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed

SECTION 12. ECOLOGICAL INFORMATION

12.1 Aquatic toxicity

No further relevant information available

12.2 Persistence and degradability

Not easily biodegradable

12.3 Bioaccumulative potential

No relevant information available

12.4 Mobility in soil

No further relevant information available

General information: Water hazard class1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT Not applicable

vPvB Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13. DISPOSAL INFORMATION

13.1 Waste treatment methods

Recommendation: On the basis of the necessary technical regulations and after consultation with the disposal agent and the relevant authorities, can be disposed of with domestic waste or incinerated with domestic waste

Uncleaned packagings: Disposal must be made according to official regulations

SECTION 14. TRANSPORT INFORMATION

14.1 UN number

- DOT, TDG, ADN, IMDG, IATA Void

14.2 UN proper shipping name

- DOT, TDG, ADN, IMDG, IATA Void

14.3 Transport hazard class(es)

- DOT, TDG, ADN, IMDG, IATA
- Class Void

14.4 Packaging group

- DOT, TDG, ADN, IMDG, IATA Void

14.5 Environmental hazards

- marine pollutant No

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk acc. to Annex II of MARPOL73/78 and the IBC code

Not applicable

UN "Model Regulation"

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Sara

Section 355 (extremely hazardous substances): None of the ingredients is listed

Section 313 (Specific toxic chemical listings): None of the ingredients is listed

TSCA (Toxic Substances Control Act): All ingredients are listed

Proposition 65

Chemicals known to cause cancer: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed

Chemicals known to cause developmental toxicity: None of the ingredients is listed

Carcinogenicity categories

EPA (Environmental Protection Agency): None of the ingredients is listed

TLV (Threshold Limit Value established by ACGIH): Titanoxid – A4
Dibutyltin oxide – A4

NIOSH-Ca (National Institute for Occupational Safety and Health): Titandioxid

Canadian substance listing

Canadian Domestic Substances List (DSL): All ingredients are listed

Canadian Ingredient Disclosure List (Limit 0.1%): None of the ingredients is listed

Canadian Ingredient Disclosure List (Limit 1%): None of the ingredients is listed

GHS label elements	Void
Hazard pictograms	Void
Signal Word	Void
Hazard statements	Void

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out

SECTION 16. OTHER INFORMATION

This information is based on the present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

ICAO: International Civil Aviation Organisation

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

ENECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association

HMIS: Hazardous Materials Identification System (USA)

This Safety Data Sheet gives information about the health-, safety-, toxicology- and ecotoxicology-aspects of the products bas on the knowledge of today. The data cannot be used as a technical specification of the product.