



SMART CONCRETE[®]

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

MATERIAL SAFETY DATA SHEET

APRIL 2019

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

Product Identifier:

Krytonite™ Adhesive

Supplier's Name: Kryton International Inc.

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

Emergency Contacts & Phone 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

Classification According to Regulation (EC) No 1272/2008

This product is not classified, according to the CLP regulation.

2.2 Label Elements

Labelling According to Regulation (EC) No 1272/2008 Void.

Hazard Statements Void.

Signal Word Void.

Hazard Statements Void.

2.3 Other Hazards

Results of PBT and vPvB Assessment

PBT: Not applicable.

vPbP: Not applicable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical Characterization: Mixtures.

Description: Sealant and adhesive based on MS-hybrid-polymer.

Dangerous Components: None.

Additional Information: For the wording of the listed hazard phrases refer to section 16.

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 Agents:

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

Protective Equipment: 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.

6.4 Reference to Other Sections:

No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Observe the general safety regulations when handling chemicals.

Information about Fire – and Explosion Protection:

Apply general precautions to prevent fire hazard.

7.2 Conditions for Safe Storage, including any Incompatibilities

Storage:

Requirements to be Met by Storerooms and Receptacles:

Store product only in tightly closed original containers.

Information about Storage in One Common Storage Facility: Not required.

Further Information about Storage Conditions:

Store product in a cool, dry and well-ventilated areas.

7.3 Specific End Use(s):

No further relevant information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional Information about Design of Technical Facilities: No further data; see item 7.

8.1 Control Parameters

Ingredients with Limit Values that Require 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

General Information

Appearance: Pasty.

Colour: According to product specification.

Odour: Characteristic.

Change in Condition

Melting point/Freezing Range: Undetermined.

Boiling point/Boiling Range: Undetermined.

Self-Ignition: The product is not self-igniting.

Flash Point: Undetermined

Explosive Properties: 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:

VOC (EC)

9.2 Other information

No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical Stability

Thermal Decomposition / Conditions to be Avoided:

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: Based on available data, the classification criteria are not met.

Primary Irritant Effect:

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious Eye Damage/Irritation Based on available data, the classification criteria are not met.

Respiratory or Skin Sensitization: Based on available data, the classification criteria are not met.

CMR Effects (Carcinogenicity, Mutagenicity and Toxicity for Reproduction)

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

STOT-Single Exposure: Based on available data, the classification criteria are not met.

STOT-Repeated Exposure: Based on available data, the classification criteria are not met.

Aspiration Hazard: Based on available data, the classification criteria are not met.

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 further relevant information available.

12.4 Mobility in Soil:

No further relevant information available.

Additional Ecological Information:

General Information: Water hazard class 1 (German Regulation) (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.

European Waste Catalogue:

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

Uncleaned Packagings:

Disposal must be made according to official regulations.

SECTION 14. TRANSPORT INFORMATION

14.1 UN-Number:

ADR, AND, IMDG, IATA Void

14.2 UN Proper Shipping Name:

ADR, AND, IMDG, IATA Void

14.3 Transport Hazard Class(es):

ADR, AND, IMDG, IATA

Class Void

14.4 Packaging Group

ADR, IMDG, IATA Void

14.5 Environmental Hazards:

Marine pollutant: No

14.6 Special Precautions for User: Not applicable

14.7 Transport in Bulk According to Annex II of Marpol and the IBC Code: Not applicable.

SECTION 15. REGULATORY INFORMATION

15.1 Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16. OTHER INFORMATION

The information given in this safety data sheet is based on current knowledge and experience, although no representation, warranty, or guarantee is made to its accuracy, reliability, or completeness.