

HYPERSEAL D SERIES

*PVC Waterstop Plate
Material Safety Data Sheet*

D-150
D-200
D-230



SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Hyperseal D-150, D-200, D-230
Chemical Name: Polyvinyl Chloride
Chemical Formula: Not Applicable (Mixture)
Application: Waterproofing
Supplier Name: Krystol Group Pty Ltd
Unit 7, 60 Box Rd
Taren Point NSW 2229 Australia
Ph: 02 9524 6688
Emergency Contacts & Poisons Information Centre:
13 11 26 from anywhere in Australia,
0800 764 766 (New Zealand)

SECTION 2. COMPOSITION / INFORMATION OF HAZARDOUS INGREDIENT

Chemical Name	CAS NO.	Amount	OSHA PEL	ACGIH TLV
Polyvinyl Chloride		100%	None established	None established

SECTION 3. HEALTH HAZARD INFORMATION

Potential Health Effects:

Primary Routes of Exposure: Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Human Effects and Symptoms of Overexposure:

Skin Contact: Skin sensitisation and irritation may develop after repeated and/or prolonged contact with human skin.

Skin Absorption: Systemically toxic concentrations of this product will probably not be absorbed through human skin.

Eye Contact: May cause some eye irritation.

Ingestion: Do not ingest liberated gases.

Inhalation: May cause nose, throat and respiratory irritation. Severe over-exposure may induce respiratory sensitisation with asthma-like symptoms. Symptoms include chronic cough, tightness of chest with difficulty in breathing. These symptoms may be immediate or delayed up to several hours after exposure.

SECTION 4. FIRST AID MEASURES

Eyes: If contact with the eyes occurs, wash with running water holding eyelid open. In all cases of eye contamination, it is a sensible precaution to seek medical advice.

Skin Effects: If there are skin irritations occur/ persists, such as redness, itching or burning sensation exists, seek medical advice.

Inhalation: Vapours can irritate eyes, nose and respiratory passages. Severe over-exposure may induce respiratory sensitisation with asthma-like symptoms. Symptoms include chronic cough, tightness of chest with difficulty in breathing. These symptoms may be immediate or delayed to several hours after exposure. There are reports that chronic exposures may result in permanent decreases in lung function.

Ingestion: Not applicable.

Hyperseal Waterstops

SECTION 5. FIRE FIGHTING MEASURES

Flash Point Method: ASTM D4359

Extinguishing Media: Use water, dry extinguishing media, carbon dioxide (CO²) or foam.

Fire Fighting Measures: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

Special Protective Equipment: Self-contained breathing apparatus should be used, with full protective gear.

Specific Hazards: Use air-supplied rescue equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapour or fumes.

SECTION 6. ACCIDENTAL RELEASE (SPILL OR LEAK) PROCEDURES

Not applicable.

SECTION 7. HANDLING AND STORAGE

Storage Temp: 15°C

Shelf Life: No expiry

Special Sensitivity: If container is exposed to high heat, it can be pressurised and possibly rupture.

Handling/ Storage Precautions: No protective equipment required.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Clothing: Rubber gloves, coveralls, hardhat, boots and rubber apron to avoid skin contact. Contaminated equipment or clothing should be cleaned after each use or disposed of.

Eyes: Wear fitted chemical goggles or face shield and safety glasses.

Respiration: When atmospheric levels may exceed the occupational exposure limit (PEL or TLV), approved air-purifying respirators equipped with an organic vapour sorbent and particulate filter can be used as long as appropriate precautions and change out schedules are in place.

Ventilation: Use local exhaust as necessary to maintain P.E.L.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Colour: Green and Black

Form: Solid

Odour: Mid (in molten state)

Odour Threshold Not established

Specific Gravity: Not tested

Solubility in Water: Not applicable

pH: Not applicable

Boiling Point: Not applicable

Vapour Density: Heavier than air

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility with other materials: Not applicable

Hazardous

decomposition products: Not applicable

Situations to avoid: No dangerous situation known

SECTION 11. TOXICOLOGICAL INFORMATION

Eye Effects: In molten state, fumes can cause irritations.

Skin Effects: Repeated or prolonged single exposure may cause irritation to the skin. May cause a cutaneous allergic reaction in predisposed individuals. It appears unlikely that any danger is attached to absorption of quantities of the product through the skin following prolonged single exposure.

Inhalation: Heating the material and creating fumes may be irritating to the eyes and the respiratory tract may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects, including death.

Ingestion: No dangers known.

SECTION 12. ECOLOGICAL INFORMATION

Water Toxicity: Not tested. No data available.

Ecological Toxicity: Not tested. No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal: Refer to State Land Waste Authority. Dispose of products via a licensed waste disposal contractor, or return materials to the supplier.

SECTION 14. TRANSPORT INFORMATION

Proper Shipping Name: Not regulated per D.O.T.

SECTION 15. REGULATORY INFORMATION

US Regulatory Information

All ingredients of this product are listed or are excluded from listing under the US Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

SARA Hazard Classes

Acute Health Hazard

Chronic Health Hazard

Hazard Ratings:

	Health	Fire	Reactivity
HMIS	2	1	0

Ratings Key: 4 = Highest hazard, 0= Lowest hazard, * = Chronic health hazard

SARA Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS that are copied and distributed for this material.

Ingredient(s) - US Regulatory Information

Xylene (mixed isomers)

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

SARA - Fire Hazard

Ingredient(s) - State Regulations

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

SECTION 16. OTHER INFORMATION

This document provides a complement to the product use instructions but does not replace them. The information is based on our current knowledge of the product concerned at the date of drafting. That information is given in good faith and does not remove from the user his/her duty to be aware of and to follow all legal regulations and statutes covering his/her activities. The user takes sole responsibility for the application of safety measures covering the use of the product he/she is aware of. We also draw the user's attention to any use of the product for which it was not designed.

Revision No 1: 01.03.2002

Revision No 2: 12.03.2012

Revision No 3: 20.08.2012

Revision No 4: 18.08.2015

END OF DATA SHEET

Hyperseal Waterstops

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MATERIAL SAFETY DATA SHEET - HYPERSEAL D SERIES MARCH 2017