

This safety data sheet complies with the requirements of:
 Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issue Date 21-May-2015

Revision Date 20-Oct-2015

Version 1

Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Code MS-943
 Product Name Dripstop 943

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

Recommended Use Pipe Sealant
 Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Manufacturer

Hernon Manufacturing Inc.
 121 Tech Drive
 Sanford, FL 32771
 800-527-0004

For further information, please contact

Contact Point customerservice@hernon.com

1.4. Emergency telephone number

Emergency Telephone Chemtel 800-255-3924

Emergency Telephone - §45 - (EC)1272/2008	
Europe	112

Section 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 2 - (H319)
Reproductive Toxicity	Category 1B - (H360)
Specific target organ toxicity (single exposure)	Category 3
Acute aquatic toxicity	Category 1 - (H400)
Chronic aquatic toxicity	Category 2 - (H411)

2.2. Label elements

Product identifier



Signal word

Warning

Hazard statements

H315 - Causes skin irritation

H320 - Causes eye irritation

May cause respiratory irritation. May cause drowsiness or dizziness

H360Df - May damage the unborn child. Suspected of damaging fertility

H411 - Toxic to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

2.3. Other hazards

No information available

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Polyglycol Dimethacrylate	-	25852-47-5	70-80	No data available	No data available
Dibutyl Phthalate	201-557-4	84-74-2	20-30	Repr. 1B (H360Df) Aquatic Acute 1 (H400)	No data available
Cellulose Ester	-	9004-36-8	1-5	No data available	No data available
Cumene Hydroperoxide	201-254-7	80-15-9	1-3	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 3 (H331) Skin Corr. 1B (H314) STOT RE 2 (H373) Aquatic Chronic 2 (H411) Org. Perox. E (H242)	No data available

Full text of H- and EUH-phrases: see section 16

This product contains one or more candidate substance(s) of very high concern (Regulation (EC) No. 1907/2006 (REACH), Article 59)

Chemical Name	CAS No.	SVHC candidates
Dibutyl Phthalate	84-74-2	X

Section 4: FIRST AID MEASURES**4.1. Description of first aid measures****Inhalation**

Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration. Get medical attention immediately.

Skin contact

Wash with soap and water. Flush skin with water for several minutes. Remove contaminated clothing and shoes. If irritation develops, seek medical attention. Wash clothing before reuse.

Eye contact

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a

POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms May cause allergic skin reaction.

4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media

Use CO₂, dry chemical, or foam.

Unsuitable extinguishing media

No information available

5.2. Special hazards arising from the substance or mixture

No information available

Hazardous combustion products Carbon oxides. Nitrogen oxides (NO_x). Irritating organic vapors.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas.

For emergency responders

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Do not allow into any sewer, on the ground or into any body of water. See Section 12 for additional ecological information.

6.3. Methods and material for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information.

Section 7: HANDLING AND STORAGE

7.1. Precautions for safe handling**Advice on safe handling**

Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Wash thoroughly after handling. Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep at temperatures between 7 and 29 °C.

Incompatible materials

Reducing agent. Strong oxidizers.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Material Safety Data Sheet.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

Chemical Name	European Union	United Kingdom	France	Spain	Germany
Dibutyl Phthalate 84-74-2	-	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 0.05 ppm TWA: 0.58 mg/m ³
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
Dibutyl Phthalate 84-74-2	-	TWA: 5 mg/m ³	-	-	TWA: 3 mg/m ³
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Dibutyl Phthalate 84-74-2	TWA: 5 mg/m ³	TWA: 0.05 ppm TWA: 0.58 mg/m ³ STEL: 0.1 ppm STEL: 1.16 mg/m ³	TWA: 5 mg/m ³	TWA: 3 mg/m ³ STEL: 3 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

8.2. Exposure controls

Engineering Controls Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).
Hand Protection Wear protective gloves. Gloves made of plastic or rubber.
Skin and body protection Suitable protective clothing.
Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Environmental exposure controls No information available.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Physical state liquid
Appearance No information available
Odor mild

Color	yellow	Odor threshold	No information available
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH		Does not apply	
Melting point / freezing point		No information available	
Boiling point / boiling range	> 149 °C / 300 °F		
Flash point	> 93 °C / 200 °F		
Evaporation rate		No information available	
Flammability (solid, gas)		No information available	
Flammability Limit in Air			
Upper flammability limit:		No information available	
Lower flammability limit:		No information available	
Vapor pressure	< 5 mm @ 80°F		
Vapor density		No information available	
Relative density	1.14		
Water solubility	slightly soluble		
Solubility(ies)		No information available	
Partition coefficient		No information available	
Autoignition temperature		No information available	
Decomposition temperature		No information available	
Kinematic viscosity		No information available	
Dynamic viscosity		No information available	
Explosive properties	No information available		
Oxidizing properties	No information available		
<u>9.2. Other information</u>			
Softening point	No information available		
Molecular weight	No information available		
VOC Content (%)	1.1 %		
Density	No information available		
Bulk density	No information available		

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under normal conditions.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

10.3. Possibility of hazardous reactions

Possibility of Hazardous Reactions

None under normal processing.

10.4. Conditions to avoid

Storage near to reactive materials.

10.5. Incompatible materials

Reducing agent. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx). Irritating organic vapors.

Section 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Acute toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation	May cause irritation of respiratory tract.
Eye contact	May cause irritation.
Skin contact	May cause skin irritation and/or dermatitis.
Ingestion	Ingestion may cause irritation to mucous membranes.

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	3,781.00 mg/kg
ATEmix (dermal)	10,694.00 mg/kg
ATEmix (inhalation-dust/mist)	6.27 mg/l

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Dibutyl Phthalate	= 7499 mg/kg (Rat)	> 20 mL/kg (Rabbit)	> 15.68 mg/L (Rat) 4 h
Cumene Hydroperoxide	= 382 mg/kg (Rat)	= 0.126 mL/kg (Rabbit)	= 220 ppm (Rat) 4 h

Skin corrosion/irritation No information available.**Serious eye damage/eye irritation** No information available.**Sensitization** No information available.**Germ cell mutagenicity** No information available.**Carcinogenicity** No information available.**Reproductive toxicity** No information available.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Aspiration hazard** No information available.**Section 12: ECOLOGICAL INFORMATION****12.1. Toxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Dibutyl Phthalate	0.4: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 1.2: 72 h Desmodesmus subspicatus mg/L EC50	0.31 - 5.45: 96 h Pimephales promelas mg/L LC50 static 1.24: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 1.38 - 1.74: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.42 - 1.28: 96 h Lepomis macrochirus mg/L LC50	2.99: 48 h Daphnia magna mg/L EC50 Static 3.4: 48 h Daphnia magna mg/L EC50

		static 0.71 - 1.2: 96 h Pimephales promelas mg/L LC50 flow-through 1.24 - 5.3: 96 h Oncorhynchus mykiss mg/L LC50 static	
Cumene Hydroperoxide	-	3.9: 96 h Oncorhynchus mykiss mg/L LC50 static	7: 24 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

Chemical Name	Partition coefficient
Dibutyl Phthalate	5.38

12.4. Mobility in soil**Mobility in soil**

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Endocrine disrupting potential
Dibutyl Phthalate	Group I Chemical Group III Chemical	High Exposure Concern	-

Section 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods**Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Improper disposal or reuse of this container may be dangerous and illegal.

Section 14: TRANSPORT INFORMATION

IMDG

14.1 UN/ID no.	None
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	None
14.4 Packing Group	None
14.5 Marine pollutant	Not applicable
14.6 Special Provisions	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

RID

14.1 UN/ID no.	None
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	None
14.4 Packing Group	None
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

ADR

14.1 UN/ID no.	None
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	None
14.4 Packing Group	None
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

IATA

14.1 UN/ID no.	None
14.2 Proper shipping name	Not regulated
14.3 Hazard Class	None
14.4 Packing Group	None
14.5 Environmental hazard	Not applicable
14.6 Special Provisions	None

DOT

UN/ID no.	Not regulated
Proper shipping name	None
Hazard Class	Not regulated
Packing Group	None
Special Provisions	None
Marine pollutant	None.

Section 15: REGULATORY INFORMATION

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

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Authorizations and/or restrictions on use:

This product contains one or more substance(s) subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

This product contains one or more substance(s) subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Chemical Name	Restricted substance per REACH Annex XVII	Substance subject to authorization per REACH Annex XIV
Dibutyl Phthalate - 84-74-2	30. 51[b].	X

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

International Inventories

TSCA Complies

DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

All ingredients are on the inventory or are exempt from listing.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

15.2. Chemical safety assessment

No information available

Section 16: OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

Full text of H-Statements referred to under section 3

H302 - Harmful if swallowed

H312 - Harmful in contact with skin

H331 - Toxic if inhaled

H314 - Causes severe skin burns and eye damage

H373 - May cause damage to organs through prolonged or repeated exposure if inhaled

H411 - Toxic to aquatic life with long lasting effects

H242 - Heating may cause a fire

H360Df - May damage the unborn child. Suspected of damaging fertility

H400 - Very toxic to aquatic life

Legend

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Prepared By SDS coordinator

Issue Date 21-May-2015

Revision Date 20-Oct-2015

Revision Note Not applicable.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The

information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet