HERNON®
MANUFACTURING, INC.

SAFETY DATA SHEET

This safety data sheet complies with the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008 and Regulation (EC) No. 2020/878

Issue Date 30-Jun-2015 **Revision Date** 23-Jan-2024 **Version** 3

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

1.1. Product identifier

Product Code MS-604
Product Name Self Sealer 604

Contains GLYCOL MONOLAUTYL ETHER

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

Recommended Use 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

Acute toxicity - Inhalation (Vapors)	Category 4 - (H332)
Serious eye damage/eye irritation	Category 2 - (H319)
Chronic aquatic toxicity	Category 3 - (H412)

2.2. Label elements

Product identifier
Contains GLYCOL MONOLAUTYL ETHER

Signal word
Warning

Hazard statements
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear eye protection/ face protection
P312 - Call a POISON CENTER or doctor if you feel unwell
P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards
May cause skin and eye irritation
May cause irritation of respiratory tract
May be harmful if inhaled
May be harmful if swallowed

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
TITANIUM DIOXIDE	236-675-5	13463-67-7	10 - 30	Carc. 2 (H351i)	<1.0%
MUSCOVITE MICA	Viscous	12001-26-2	10 - 30	<1.0%	<1.0%
GLYCOL MONOLAUTYL ETHER	203-905-0	111-76-2	3 - 7	Acute Tox. 4 (H302) Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	<1.0%
Polytetrafluoroethylene	-	9002-84-0	1 - 5	<1.0%	<1.0%
SURFACTANT	-	Mixture	1 - 5	Eye Dam. 1 (H318)	<1.0%
MINERAL OIL	232-455-8	8042-47-5	0.1 - 1	Eye Irrit. 2B (H319) Repr. 2 (H361) Aquatic Acute 3 (H400) Chronic Acute 3 (H412)	<1.0%
AMMONIUM HYDROXIDE	215-647-6	1336-21-6	0.1 - 1	Skin Corr. 1B (H314) Aquatic Acute 1 (H400)	<1.0%

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

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 No Information Available.

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

Thermal decomposition can lead to release of irritating and toxic gases and vapors

Hazardous combustion products At flame temperatures, traces of toxic fluorides and hydrogen cyanide may be formed.

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
Use personal protective equipment as required. 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 Scrape up as much material as possible. Clean residue with soap and water. 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 contaminated clothing before reuse. 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 46°F and 82°F (8°C and 28°C).

Incompatible materials
Acids.

7.3. Specific end use(s)

Specific use(s)
Adhesives and/or sealants.

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
MUSCOVITE MICA 12001-26-2	-	TWA: 10 mg/m^3 TWA: 0.8 mg/m^3 STEL: 30 mg/m^3 STEL: 2.4 mg/m^3	-	TWA: 3 mg/m^3	-
TITANIUM DIOXIDE 13463-67-7	-	TWA: 10 mg/m^3 TWA: 4 mg/m^3 STEL: 30 mg/m^3 STEL: 12 mg/m^3	TWA: 10 mg/m^3	TWA: 10 mg/m^3	TWA: 1.25 mg/m^3 TWA: 10 mg/m^3
GLYCOL MONOLAUTYL ETHER 111-76-2	TWA 20 ppm TWA 98 mg/m^3 STEL 50 ppm STEL 246 mg/m^3 *	TWA: 25 ppm TWA: 123 mg/m^3 STEL: 50 ppm STEL: 246 mg/m^3 Sk*	TWA: 10 ppm TWA: 49 mg/m^3 STEL: 50 ppm STEL: 246 mg/m^3	TWA: 20 ppm TWA: 98 mg/m^3 STEL: 50 ppm STEL: 245 mg/m^3 vía dérmica*	TWA: 10 ppm TWA: 49 mg/m^3
MINERAL OIL 8042-47-5	-	Viscous	-	-	TWA: 5 mg/m^3
Chemical Name	**Italy**	**Portugal**	**Netherlands**	**Finland**	**Denmark**
MUSCOVITE MICA 12001-26-2	-	TWA: 3 mg/m^3	-	-	-
TITANIUM DIOXIDE 13463-67-7	-	TWA: 10 mg/m^3	-	-	TWA: 6 mg/m^3
GLYCOL MONOLAUTYL ETHER 111-76-2	TWA: 20 ppm TWA: 98 mg/m^3 STEL: 50 ppm STEL: 246 mg/m^3 pelle*	TWA: 20 ppm TWA: 98 mg/m^3 STEL: 50 ppm STEL: 246 mg/m^3	TWA: 100 mg/m^3 STEL: 246 mg/m^3 H*	TWA: 20 ppm TWA: 98 mg/m^3 STEL: 50 ppm STEL: 250 mg/m^3 iho*	TWA: 20 ppm TWA: 98 mg/m^3 H*
AMMONIUM HYDROXIDE 1336-21-6	-	-	Vis-cous	TWA: 20 ppm TWA: 14 mg/m^3 STEL: 50 ppm STEL: 36 mg/m^3	-
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
MUSCOVITE MICA	TWA: 10 mg/m^3	TWA: 3 mg/m^3	-	STEL: 12 mg/m^3	TWA: 3 mg/m^3

12001-26-2				STEL: 6 mg/m^3	STEL: 9 mg/m^3
TITANIUM DIOXIDE 13463-67-7	TWA: 5 mg/m^3 STEL 10 mg/m^3	TWA: 3 mg/m^3	STEL: 30 mg/m^3 TWA: 10 mg/m^3	STEL: 10 mg/m^3	TWA: 10 mg/m^3 TWA: 4 mg/m^3 STEL: 30 mg/m^3 STEL: 12 mg/m^3
GLYCOL MONOLAUTYL ETHER 111-76-2	TWA: 20 ppm TWA: 98 mg/m^3 STEL 40 ppm STEL 200 mg/m^3 H*	TWA: 10 ppm TWA: 49 mg/m^3 STEL: 20 ppm STEL: 98 mg/m^3 H*	STEL: 200 mg/m^3 TWA: 98 mg/m^3	STEL: 15 ppm STEL: 75 mg/m^3	TWA: 20 ppm TWA: 98 mg/m^3 STEL: 50 ppm STEL: 246 mg/m^3 Sk*
MINERAL OIL 8042-47-5	-	TWA: 5 mg/m^3	-	-	-

Chemical Name	European Union	United Kingdom	France	Spain	Germany
GLYCOL MONOLAUTYL ETHER 111-76-2	-	240	-	200	150 mg/g Creatinine
Chemical Name	**Austria**	**Switzerland**	**Poland**	**Norway**	**Ireland**
GLYCOL MONOLAUTYL ETHER 111-76-2	-	150	-	-	-

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 Dispersion

Color White

Odor Ammonia

Odor threshold No Information Available

Property	Values	Remarks • Method
pH	8-10	
Melting point / freezing point		No Information Available
Boiling point / boiling range	> 100 °C / 212 °F	
Flash point	> 94 °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	< 20 mm @20°C	
Vapor density	< 1	
Relative density	1.24	
Water solubility	Miscible in water	
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
Endrocine Toxicity	No Information Available

9.2. Other information

Softening point	No Information Available
Molecular weight	No Information Available
VOC Content (%)	No Information Available
Density	No Information Available
Bulk density	No Information Available

Section 10: STABILITY AND REACTIVITY

10.1. Reactivity

Not Applicable.

10.2. Chemical stability

Stable under recommended storage 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

Incompatible materials.

10.5. Incompatible materials

Acids.

10.6. Hazardous decomposition products

None known.

Section 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product Information

.

Inhalation	No known effect based on information supplied.
Eye contact	No known effect based on information supplied.
Skin contact	No known effect based on information supplied.
Ingestion	No known effect based on information supplied.

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

ATEmix (oral) 3,382.50 mg/kg
ATEmix (dermal) 2,718.20 mg/kg
ATEmix (inhalation-dust/mist) 9.37 mg/l
ATEmix (inhalation-vapor) 13.5904 mg/l

Unknown acute toxicity

70.2921 % of the mixture consists of ingredient(s) of unknown toxicity.
46.9321 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
64.6321 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
70.2921 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
64.6321 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).
64.6321 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
TITANIUM DIOXIDE	> 10000 mg/kg (Rat)	–	–
GLYCOL MONOLAUTYL ETHER	= 470 mg/kg (Rat)	= 435 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h
MINERAL OIL	> 5000 mg/kg (Rat)	–	–
AMMONIUM HYDROXIDE	= 350 mg/kg (Rat)	–	–

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.

Chemical Name	European Union
TITANIUM DIOXIDE	Carc. 2

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
GLYCOL MONOLAUTYL ETHER	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	1000: 48 h Daphnia magna mg/L EC50
MINERAL OIL	-	10000: 96 h Lepomis macrochirus mg/L LC50	-
AMMONIUM HYDROXIDE	-	8.2: 96 h Pimephales promelas mg/L LC50	0.66: 48 h Daphnia pulex mg/L EC50 0.66: 48 h water flea mg/L EC50

12.2. Persistence and degradability

No Information Available.

12.3. Bioaccumulative potential

No Information Available.

Chemical Name	Partition coefficient
GLYCOL MONOLAUTYL ETHER	0.81
MINERAL OIL	6

12.4. Mobility in soil

Mobility in soil
No Information Available.

12.5. Results of PBT and vPvB assessment

No Information Available.

12.6 Endocrine disruption

No Information Available

12.7. Other adverse effects

No Information Available

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 None
14.3 Hazard Class None
14.4 Packing Group None
14.5 Marine pollutant None
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. Not regulated
14.2 Proper shipping name Not regulated
14.3 Hazard Class Not regulated

14.4 Packing Group Not regulated
14.5 Environmental hazard Not Applicable
14.6 Special Provisions None

ADR
14.1 UN/ID no. Not regulated
14.2 Proper shipping name Not regulated
14.3 Hazard Class Not regulated
14.4 Packing Group Not regulated
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 Not regulated
UN/ID no. None
Proper shipping name Not regulated
Hazard Class None
Packing Group None
Special Provisions None

Section 15: REGULATORY INFORMATION

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

France
Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
MUSCOVITE MICA 12001-26-2	RG 25	-
GLYCOL MONOLAUTYL ETHER 111-76-2	RG 84	-
Polytetrafluoroethylene 9002-84-0	RG 32	-
MINERAL OIL 8042-47-5	RG 36bis	-

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 does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

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

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
TITANIUM DIOXIDE - 13463-67-7	Carcinogen

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
H314 - Causes severe skin burns and eye damage
H315 - Causes skin irritation
H318 - Causes serious eye damage
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H361 - Suspected of damaging fertility or the unborn child
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

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 30-Jun-2015

Revision Date	23-Jan-2024
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