

SAFETY DATA SHEET

according to Regulation (EC) No. 453/2010
Nuts N' Bolts 223

HERNON[®]
MATERIAL SAFETY DATA SHEET

Date Issued : 7/2/2013
SDS No : 223A
Date Revised : 1/23/2015
Revision No : 1

SECTION 1 : Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Product description : Nuts N Bolts 223

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

Relevant identified uses : Anaerobic

1.3. Details of the supplier of the safety data sheet

Manufacturer

Hernon Manufacturing, Inc.
121 Tech Drive
Sanford, FL 32771

Service Number : 407-322-4000

1.4. Emergency telephone number

Emergency Telephone : (800) 255-3924

Web Site : www.hernon.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Directive 1999/45/EC

2.2. Label elements

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictogram(s) :



Exclamation
mark

Signal Word : WARNING

Hazard statement(s) : H320: Causes eye irritation.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.
H302: Harmful if swallowed.

Precautionary statement(s)

Prevention : P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response : P331: Do NOT induce vomiting.
P361: Remove/Take off immediately all contaminated clothing.
P352: Wash with plenty of soap and water.
P363: Wash contaminated clothing before reuse.
P340: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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2.3. Other hazards

Immediate concerns : MAY CAUSE EYE, AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

SECTION 3: Composition / information on ingredients

3.1. Substances

Not Applicable

3.2. Mixtures

Chemical Name	CAS	EINECS No.	Wt.%	Classification according to Directive 67/548/EEC
Polyglycol Dimethacrylate	25852-47-5		50 - 80	Not Applicable
Bisphenol A Fumarate Resin	Propriety		30 - 50	Not Applicable
Plasticizer	Propriety		1 - 5	Not Applicable
Hydroxyalkyl Methacrylates	027813-02-1		1 - 5	R36/37/38; R43
Cumene Hydroperoxide	80-15-9	201-524-7	1 - 5	Not Applicable
Saccharin	81-07-2		1 - 5	R36/37/38; R40

For full text of H-statements and R-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Following eyes : Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Following skin : Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur

Following ingestion : Do not induce vomiting. Keep individual calm. Obtain medical attention.

Following inhalation : Remove to fresh air. If symptoms develop and persist, get medical attention.

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

Eyes : Contact with eyes may cause irritation.

Skin : Contact causes skin irritation.

Ingestion : May be harmful if swallowed.

Inhalation : May cause respiratory tract irritation.

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

SECTION 5: Fire fighting measures

5.1. Extinguishing media

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Extinguishing media : Carbon dioxide, foam, dry chemical.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products : Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

Explosion hazards : None

5.3. Advice for firefighters

Fire fighting procedures : Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General procedures : Soak up with an inert absorbent. Store in partly filled, closed container until disposal.

Special protective equipment : Wear proper protective equipment.

6.2. Environmental precautions

Water spill : Do not allow entry into drains or surface waters.

6.3. Methods and material for containment and cleaning up

Small spill : Avoid runoff into storm sewers and ditches which lead to waterways.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling : Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage : Store between 46° and 85°F unless otherwise labeled to preserve shelf life.

7.2. Conditions for safe storage, including any incompatibilities

Storage temperature : (46°F) Minimum to (85°F) Maximum

7.3. Specific end use(s)

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Control parameters : No data available

8.2. Exposure controls

Engineering controls : Forced ventilation may be required if concentrations exceed exposure limits

Eye/face protection : Safety glasses or goggles with side shields

Skin protection : Use rubber or plastic gloves, and protective clothing as necessary

Respiratory protection : Use NIOSH approved respirator if there is a potential to exceed exposure limits

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Colour	: Red
Odour	: Mild
pH	: Not Available
Boiling temperature	: > to (300°F)
Flash point	: > to (200°F)
Evaporation rate	: Not Available
Vapor pressure	: < 5 mm at (80°F)
Vapor density	: Not Available
Specific gravity	: 1.10
Solubility in water	: Slight

9.2. Other information

(VOC) : Not Established

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity : Yes

10.2. Chemical stability

Chemical stability : Stable

10.3. Possibility of hazardous reactions

Hazardous polymerization : Will not occur

10.4. Conditions to avoid

Conditions to avoid : Oxidizing materials.

10.5. Incompatible materials

Incompatible materials : Reducing agents. Strong oxidizers.

10.6. Hazardous decomposition products

Hazardous decomposition products : Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute

Dermal LD₅₀ : > 5000 mg/kg

Oral LD₅₀ : > 10000 mg/kg

Target organs : Possible allergen, corrosive, central nervous system, developmental, mutagen, irritant, no target organs, reproductive.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity : None known.

12.2. Persistence and degradability

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Persistence and degradability : None known.

12.3. Bioaccumulative potential

Bioaccumulative potential : None known.

12.4. Mobility in soil

Mobility in soil : None known.

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

Environmental data : Not Available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal method : Dispose of according to Federal, State and Local regulations.

SECTION 14: Transport information

14.1. UN number

UN number : None

14.2. UN proper shipping name

UN proper shipping name : Adhesives

14.3. Transport hazard class(es)

Primary hazard class/division : None

Hazard classification : None

14.4. Packing group

Packing group : None

14.5. Environmental hazards

Marine pollutant #1 : No data available. Contact Env. Dept.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

RoHS : None

General comments : This product contains the following toxic chemicals subject to the reporting requirements of REACH: Cumene Hydroperoxide, Dibutyl Phthalate

15.2. Chemical safety assessment

SECTION 16: Other information

Relevant R-phrases and/or H-statements (number and full text) : R36/37/38: Irritating to eyes, respiratory system and skin.
 R40: Limited evidence of a carcinogenic effect.
 R43: May cause sensitisation by skin contact.

Approved by : C. Alt **Title** : Manager - Quality & Development

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Prepared by

: C. ALT

Revision summary

: This SDS replaces the 1/2/2014 SDS. Revised: **Section 4: SIGNS AND SYMPTOMS OF OVEREXPOSURE** (INGESTION, INHALATION, SKIN). **Section 8:** . **Section 10: CONDITIONS TO AVOID.** **Section 12: CHEMICAL FATE INFORMATION, DISTRIBUTION, ECOTOXICOLOGICAL INFORMATION, BIOACCUMULATION/ACCUMULATION.** **Section 14: ROAD AND RAIL (ADR/RID), ROAD AND RAIL (ADR/RID) (UN NUMBER, PACKING GROUP).** **Section 15: RoHS.**

Manufacturer disclaimer

: Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.