HERNON® MANUFACTURING, INC.

# SAFETY DATA SHEET

**Issue Date** 30-Jun-2015 **Revision Date** 22-Feb-2021 **Version** 1

## 1. IDENTIFICATION

**Product identifier**

**Product Name** Tamper Proof 610

**Other means of identification**

**Product Code** MS-610
**UN/ID no.** None
**Synonyms** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Masking.
**Uses advised against** None known

**Details of the supplier of the safety data sheet**

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

**Emergency telephone number**

**Company Phone Number** 407-322-4000
**Emergency Telephone** Chemtel 800-255-3924

## 2. HAZARDS IDENTIFICATION

**Classification**

**OSHA Regulatory Status**
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

| | |
|---|---|
| Serious eye damage/eye irritation | Category 2 |
| Carcinogenicity | Category 2 |

**Label elements**

**Emergency Overview**

**Warning**

**Hazard statements**
Causes serious eye irritation
Suspected of causing cancer

**Appearance** No information available **Physical state** Liquid **Odor** Ammonia

**Precautionary Statements - Prevention**
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**
IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage**
Store locked up

**Precautionary Statements - Disposal**
Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**
Not applicable

**Other Information**
May be harmful if swallowed
Causes mild skin irritation

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

| Chemical Name | CAS No. | Weight-% | Trade Secret |
|---|---|---|---|
| WATER | 7732-18-5 | 10 - 30 | * |
| TITANIUM DIOXIDE | 13463-67-7 | 10 - 30 | * |
| MUSCOVITE MICA | 12001-26-2 | 10 - 30 | * |
| GLYCOL MONOLAUTYL ETHER | 111-76-2 | 3 - 7 | * |
| SURFACTANT | PROPRIETARY | 1 - 5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**Description of first aid measures**

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

**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.

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

**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.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**
Use $CO_2$, dry chemical, or foam.

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

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

**Explosion data**
**Sensitivity to Mechanical Impact** None.
**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**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.

**Environmental precautions**

**Environmental precautions** Do not allow into any sewer, on the ground or into any body of water. Prevent product from entering drains. See Section 12 for additional ecological information.

**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. Store in a closed container until ready for disposal.

## 7. HANDLING AND STORAGE

**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.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep at temperatures between 46°F and 82°F (8°C and 28°C). Protect from freezing.

**Incompatible materials** Acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

**Exposure Guidelines**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| MUSCOVITE MICA<br>12001-26-2 | TWA: 3 mg/m$^3$ respirable particulate matter | (vacated) TWA: 3 mg/m$^3$ respirable dust <1% Crystalline silica<br>TWA: 20 mppcf <1% Crystalline silica | IDLH: 1500 mg/m$^3$<br>TWA: 3 mg/m$^3$ containing <1% Quartz respirable dust |
| TITANIUM DIOXIDE<br>13463-67-7 | TWA: 10 mg/m$^3$ | TWA: 15 mg/m$^3$ total dust<br>(vacated) TWA: 10 mg/m$^3$ total dust | IDLH: 5000 mg/m$^3$<br>TWA: 2.4 mg/m$^3$ CIB 63 fine<br>TWA: 0.3 mg/m$^3$ CIB 63 ultrafine, including engineered nanoscale |
| GLYCOL MONOLAUTYL ETHER<br>111-76-2 | TWA: 20 ppm | TWA: 50 ppm<br>TWA: 240 mg/m$^3$<br>(vacated) TWA: 25 ppm<br>(vacated) TWA: 120 mg/m$^3$<br>(vacated) S*<br>S* | IDLH: 700 ppm<br>TWA: 5 ppm<br>TWA: 24 mg/m$^3$ |

**Appropriate engineering controls**

**Engineering Controls** Showers
Eyewash stations
Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear protective gloves and protective clothing. Use rubber or plastic gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Physical state** Liquid
**Appearance** No information available
**Color** Blue
**Odor** Ammonia
**Odor threshold** No information available

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | 8 - 9 | |
| **Melting point / freezing point** | No information available | |
| **Boiling point / boiling range** | > 100 °C / 212 °F | |
| **Flash point** | > 93.3 °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** | No information available | |
| **Vapor density** | No information available | |
| **Relative density** | 1.27 | |

| | |
|---|---|
| **Water solubility** | No information available |
| **Solubility in other solvents** | 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 |

**Other Information**

| | |
|---|---|
| **Softening point** | No information available |
| **Molecular weight** | No information available |
| **VOC Content (%)** | None |
| **Density** | No information available |
| **Bulk density** | No information available |

## 10. STABILITY AND REACTIVITY

**Reactivity**
No data available

**Chemical stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to avoid**
Incompatible materials.

**Incompatible materials**
Acids.

**Hazardous Decomposition Products**
None known.

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure**

**Product Information**

| | |
|---|---|
| **Inhalation** | No data available. |
| **Eye contact** | No data available. |
| **Skin contact** | No data available. |
| **Ingestion** | No data available. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| WATER<br>7732-18-5 | > 90 mL/kg ( Rat ) | - | - |
| TITANIUM DIOXIDE<br>13463-67-7 | > 10000 mg/kg ( Rat ) | - | - |
| GLYCOL MONOLAUTYL ETHER<br>111-76-2 | = 470 mg/kg ( Rat ) | = 99 mg/kg ( Rabbit ) | = 450 ppm ( Rat ) 4 h = 486 ppm ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.
**Germ cell mutagenicity** No information available.

**Carcinogenicity**

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|---|---|---|---|---|
| TITANIUM DIOXIDE 13463-67-7 | - | Group 2B | - | X |
| GLYCOL MONOLAUTYL ETHER 111-76-2 | A3 | Group 3 | - | - |

**Reproductive toxicity** No information available.
**STOT - single exposure** No information available.
**STOT - repeated exposure** No information available.
**Aspiration hazard** No information available.

**Numerical measures of toxicity - Product Information**

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

**ATEmix (oral)** 3,663.80 mg/kg
**ATEmix (dermal)** 6,944.20 mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Harmful to aquatic life

| Chemical Name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| GLYCOL MONOLAUTYL ETHER 111-76-2 | - | 2950: 96 h Lepomis macrochirus mg/L LC50 1490: 96 h Lepomis macrochirus mg/L LC50 static | 1000: 48 h Daphnia magna mg/L EC50 1698 - 1940: 24 h Daphnia magna mg/L EC50 |

**Persistence and degradability**
No information available.

**Bioaccumulation**

| Chemical Name | Partition coefficient |
|---|---|
| GLYCOL MONOLAUTYL ETHER 111-76-2 | 0.81 |

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

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

**Contaminated packaging** Do not reuse container.

## 14. TRANSPORT INFORMATION

**DOT** Not regulated
- **UN/ID no.** None
- **Proper shipping name** Not regulated
- **Hazard Class** None
- **Packing Group** None
- **Special Provisions** None

**IATA** Not regulated
- **UN/ID no.** None
- **Proper shipping name** Not regulated
- **Hazard Class** None
- **Packing Group** None
- **Special Provisions** None

**IMDG** Not regulated
- **UN/ID no.** None
- **Proper shipping name** Not regulated
- **Hazard Class** None
- **Packing Group** None
- **Special Provisions** None

## 15. REGULATORY INFORMATION

### 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:

All ingredients are on the inventory or are exempt from listing
**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 Federal Regulations

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | SARA 313 - Threshold Values % |
|---|---|
| GLYCOL MONOLAUTYL ETHER - 111-76-2 | 1.0 |

**SARA 311/312 Hazard Categories**

| | |
|---|---|
| **Acute health hazard** | - |
| **Chronic Health Hazard** | - |
| **Fire hazard** | - |
| **Sudden release of pressure hazard** | - |
| **Reactive Hazard** | - |

**CWA (Clean Water Act)**
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## 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 |

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| WATER<br>7732-18-5 | - | - | X |
| MUSCOVITE MICA<br>12001-26-2 | X | X | X |
| TITANIUM DIOXIDE<br>13463-67-7 | X | X | X |
| GLYCOL MONOLAUTYL ETHER<br>111-76-2 | X | X | X |

**U.S. EPA Label Information**
**EPA Pesticide Registration Number** Not applicable

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health hazards** - | **Flammability** - | **Instability** - | **Physical and Chemical Properties** - |
| **HMIS** | **Health hazards** - | **Flammability** - | **Physical hazards** - | **Personal protection** - |

**Prepared By** SDS coordinator
**Issue Date** 30-Jun-2015
**Revision Date** 22-Feb-2021
**Revision Note** No information available

**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**