



**SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**PRODUCT IDENTIFIER: STAN-WAX 1012**

**Chemical Name:** Polyethylene

**Recommended Use:** Rubber Additive

**Manufactured for and supplied by:**

**Supplier:** Harwick Standard Distribution Corporation

**Supplier Address:** 60 S. Seiberling Street, Akron, OH 44305

**Contact:** Health, Safety & Environment

**Telephone:** 330-798-9300

**Website:** [www.harwickstandard.com](http://www.harwickstandard.com)

**SECTION 2 – HAZARD(S) IDENTIFICATION**

**Classification of the Substance or Mixture:**

Combustible dust

**GHS Label Elements:**

**Hazard symbol:** None  
**Signal word:** Warning

**Hazard Statements:**

May form combustible dust concentrations in air.

**Precautionary Statements:**

**Prevention:** Not applicable.  
**Response:** Not applicable.  
**Storage:** Not applicable.  
**Disposal:** Not applicable.

**Hazard(s) not otherwise classified (HNOC):** None known

**SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance:**

Components Chemical Identity CAS Number Weight%

Polyethylene	9002-88-4	100
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#### SECTION 4 – FIRST AID MEASURES

**Eye contact:** If dust or molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention immediately.

**Inhalation:** If inhaled: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

**Skin contact:** For thermal burns, flush or submerge affected area in cold water to dissipate heat. Cover with clean bandage material. Do not peel material from skin. Get medical attention. For contact at ambient temperatures, wash with soap and water.

**Ingestion:** First aid is not expected to be necessary if material is used under ordinary conditions and as recommended.

**Most important symptoms/effects, acute and delayed:** Refer to Section 11 – Toxicological information

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

**Notes to Physician:** Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

#### SECTION 5 – FIRE FIGHTING MEASURES

**Suitable extinguishing method:** In case of fire, use water fog, foam, dry chemical, foam or carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing method:** None known.

**Specific hazards arising from chemical:**

**Unusual Fire and Explosion Hazards:** Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide, formaldehyde, acetaldehyde, irritating smoke.

**Special firefighting equipment and precautions for firefighters:** Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.



## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Do not walk through spilled material. Do not breathe dust. Avoid contact with skin and eyes. Wear appropriate personal protective equipment and avoid direct contact. Contain spill and monitor for excessive dust accumulation. Avoid unnecessary personnel and equipment traffic in the spill area. Ventilate closed spaces before entering.

**Environmental precautions:** No special environmental precautions necessary.

**Methods and materials for containment and cleaning up:**

Avoid generating dust. Use clean nonsparking tools to collect material. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.

## SECTION 7 - HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with molten material; do not breathe fumes, vapors, dust or sprays from molten or burning material. When processing at > 600°F (315°C), consider use of a respirator to avoid breathing decomposition products. Do not use in areas without adequate ventilation. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Use appropriate Personal Protective Equipment (PPE). Avoid contact with skin and eyes. Do not breathe dust. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

**Conditions for safe storage, including any incompatibilities:** Keep container closed and in ventilated area, away from ignition sources, heat, open flames and direct sunlight. Do not store with incompatible materials.

**Other information:** For prevention of fire and explosion, keep from contact with incompatible materials. Minimize dust generation and accumulation. Because product may accumulate a static charge, use proper bonding and/or grounding procedures to transfer.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Limits:** No applicable exposure limits available for product or components.

**Appropriate engineering controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory and eye protection may be needed in special circumstances; such as poorly ventilated spaces, very hot processing, evaporation of liquids from large surfaces, spraying of mists, mechanical generation of dusts, drying of solids, etc.



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

**Eye/face protection:** Safety goggles.

**Hand protection:** Thermally resistant gloves and long sleeves when handling molten product.

**Body protection:** Long sleeves and/or protective coveralls.

**Other protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection:** For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate (HEPA) filters.

**General hygiene considerations:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Environmental exposure controls:** Follow best practice for site management and disposal of waste.

## SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b>	Translucent to whitish solid
<b>Odor:</b>	Odorless to mild
<b>Boiling Point/Range:</b>	Not available
<b>Decomposition Temperature:</b>	>300°C (573°F) Estimated
<b>Melting Point/Range:</b>	100-120°C (212-248°F)
<b>pH:</b>	Not available
<b>Specific Gravity/Relative Density:</b>	0.90 -0.92 (Water=1)
<b>Water Solubility:</b>	Negligible
<b>Viscosity:</b>	Not available
<b>Explosive Properties:</b>	Not explosive
<b>Oxidizing Properties:</b>	Not an oxidizer
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Evaporation Rate:</b>	Not available
<b>Flash Point (°C):</b>	343°C (649.4°F) Estimated
<b>Explosion Limits:</b>	
<b>UEL:</b>	Not available
<b>LEL:</b>	Not available
<b>Auto-ignition Temperature:</b>	Not available
<b>Flammability (solid, gas)</b>	Not flammable
<b>Partition Coefficient: (n-octanol/water)</b>	Not available



## SECTION 10 - STABILITY & REACTIVITY

**Reactivity:** Dangerous reaction not expected under normal conditions of use.

**Chemical stability:** Material is stable under normal temperatures and pressures.

**Possibility of hazardous reactions:** Hazardous polymerization not indicated.

**Conditions to avoid:** Heat, sparks, open flame.

**Incompatible materials:** Strong oxidizing agents, fluorine.

**Hazardous decomposition products:** No data available.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP•Acute Toxicity - Dermal - NDA; Acute Toxicity - Inhalation - Inconclusive data OSHA HCS 2012•Acute Toxicity - Dermal - NDA; Acute Toxicity - Inhalation - Inconclusive data
Aspiration Hazard	EU/CLP•Not relevant OSHA HCS 2012•Not relevant
Carcinogenicity	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Germ Cell Mutagenicity	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Skin corrosion/Irritation	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Skin sensitization	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
STOT-RE	EU/CLP•NDA OSHA HCS 2012•NDA
STOT-SE	EU/CLP•NDA OSHA HCS 2012•NDA
Toxicity for Reproduction	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Respiratory sensitization	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met
Serious eye damage/Irritation	EU/CLP•Classification criteria not met OSHA HCS 2012•Classification criteria not met

**Information on likely routes of exposure:** Inhalation, Skin, Eye, Ingestion

**Medical conditions aggravated by exposure:** Disorders of the lungs.



**Potential acute (immediate) health effects:**

- Inhalation:** Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.
- Skin Contact:** Exposure to dust may cause mechanical irritation.
- Eye Contact:** Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eye.
- Ingestion:** Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

**Potential chronic (delayed) health effects:**

- Inhalation:** Prolonged exposure to the dust may cause wheezing, chest tightness, productive cough, nasal irritation and symptoms of chronic respiratory disease.
- Skin Contact:** No data available.
- Eye Contact:** No data available.
- Ingestion:** No data available.

**SECTION 12 - ECOLOGICAL INFORMATION**

- Ecotoxicity:** No data available.
- Persistence and degradability:** No data available.
- Bioaccumulative potential:** No data available.
- Mobility in soil:** No data available.
- Other adverse effects:** No data available.

**SECTION 13 - DISPOSAL CONSIDERATIONS**

- Product waste:** Dispose of content and/or container in accordance with local, regional, national and/or international regulations.
- Packaging waste:** Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

**SECTION 14 - TRANSPORTATION INFORMATION**

- U.S. DOT Classification:** Not DOT regulated.

**SECTION 15 - REGULATORY INFORMATION**



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**U.S.:**

**United States TSCA Inventory:** Product complies with US TSCA.

**SARA 313:** This product does not contain a chemical listed at or above de minimis concentrations 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.

**SECTION 16 - OTHER INFORMATION**

**Issue date:** 12-11-2015

**Version #:** 01

**Revision Information:** GHS Format

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