



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STANGARD® PC

Manufactured for and supplied by:

Harwick Standard Distribution Corporation
60 South Seiberling Street
P.O. Box 9360
Akron, Ohio 44305-0360

Telephone #: 330-798-9300
Date prepared: May 11, 2010
Preparer: Health, Safety & Environment
Product Use: Rubber Additive

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD₅₀ of Ingredient	LC₅₀ of Ingredient	%
2,2'-Methylenebis(4-methyl-6-tert-butylphenol)	119-47-1	Oral (rat) =>10,000 mg/kg		100

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

Inhalation **Skin contact** **Eye contact** **Skin absorption** **Ingestion**

Emergency Overview: May irritate the eyes, skin and upper respiratory tract. Keep away from heat, sparks and flame.

Potential Health Effects: Eye contact may cause redness, tearing and swelling. Skin contact may cause allergic reaction. Inhalation may cause upper respiratory irritation.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, seek immediate medical attention.

Ingestion: If swallowed, rinse out mouth with water. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. Contact a physician immediately.

Skin contact: Remove contaminated clothing. Wash affected skin with soap and water. If irritation develops, consult a physician. Launder clothing before reuse.

Eye contact: In case of eye contact, flush eyes with running water for at least 15 minutes. Seek medical attention if irritation develops.



SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): 374°F

Extinguishing media: Carbon dioxide, dry powder, foam or water spray. Fight larger fire with alcohol resistant foam.

Special fire fighting procedures: Wear self-contained, positive pressure breathing apparatus and full fire fighting protective clothing. Fight fire from a safe distance and from a protected location. Do not inhale explosion gases or combustion gases. Do not allow contaminated fire fighting water to enter the sewage system.

Unusual fire and explosion hazards: If heated to above its flashpoint in the presence of air, product can support combustion. Toxic emissions may result if product is involved in a fire. Fire produces carbon monoxide and carbon dioxide gases. Danger of toxic pyrolysis products.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear protective clothing and safety devices. Ensure adequate ventilation. Do not breathe vapors/dust. Avoid the generation of dust. Keep away from ignition sources. Sweep and place into tightly sealed container for disposal. Do not spread spilled product with water. Prevent spill from entering sewers, surface or groundwater.

SECTION 7 - HANDLING AND STORAGE

Handling: Use with adequate ventilation. Avoid generating or breathing dust. Prevent dust accumulation. May form flammable dust-air mixtures. Keep away from sources of ignition. Avoid contact with eyes, skin and clothing. Do not smoke. Re-close containers of unused product.

Storage: Store closed containers in a cool, dry well-ventilated area. Protect from heat. Avoid exposure to direct sunlight. Keep containers closed when not in use. Store away from strong acids, alkalines and oxidation agents. Heating in presence of strong mineral acids will liberate Isobutylene.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection (specify type): A NIOSH/MSHA approved respiratory protective device in case of insufficient ventilation.

Ventilation: **Local exhaust:** Recommended to minimize exposure.
Mechanical (general): Recommended to minimize exposure.

Protective gloves: Chemical resistant

Eye protection: Safety glasses with side shields.

Skin protection: Normal work coveralls. Launder contaminated clothing before reuse.



Material Safety Data Sheet

(in compliance with 29 CFR 1910.1200)

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SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not determined	Specific gravity:	1.04
Melting point:	123-132°C	Molecular weight:	340.51
Vapor pressure (mm Hg):	~ 0	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Bulk Density:	350 kg/m ³
Solubility in water:	Insoluble	Evaporation rate:	Not available
Appearance/Physical state:	Powder	Odor:	Odorless to Slight phenolic
Form:	Solid	Color:	White/cream

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
Unstable:

Conditions to avoid (conditions of reactivity): Avoid heat and sources of ignition.

Incompatibility (materials to avoid): Avoid strong oxidizing agents, acids, alkalis.

Hazardous decomposition or byproducts: Carbon monoxide and carbon dioxide.

Hazardous polymerization **May occur:**
Will not occur:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: May irritate the eyes, skin and upper respiratory tract. Eye contact may cause redness, tearing and swelling. Skin contact may cause allergic reaction. Inhalation may cause upper respiratory irritation.

Chronic: None known.

Carcinogenicity

This product, or one of its ingredients present at 0.1% or more, is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA.

NTP **IARC** **OSHA** **ACGIH**

Reproductive toxicity: Not available

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Not available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method: In accordance with federal, state, and local regulations.



SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

SARA 313

This product contains the following toxic chemical(s) 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: None known.

RCRA status

The following chemical components are listed under (40 CFR 261): Not a RCRA waste.

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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