



HARWICK
S T A N D A R D

Safety Data Sheet
STANGARD® PC
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STANGARD® PC

Other means of identification

Chemical name: 2,2'-Methylenebis(4-methyl-6-tert-butylphenol)

Recommended use and restrictions on use: Rubber Additive

Supplier information:

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

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:

Reproductive Toxicity, Category 2

Chronic Aquatic Toxicity, Category 4

OSHA Regulatory Status: Classified as hazardous based on components.

GHS Label Elements

Hazard symbol:



Signal word: Warning

Hazard statements:

Suspected of damaging fertility or the unborn child.

May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

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.



If exposed or concerned: Get medical advice/attention.
Store locked up.
Dispose of contents/container to an approved waste disposal plant.
Avoid release to the environment.

Hazard(s) not otherwise classified (HNOC): Handling and/or processing of this material may generate a dust that can cause mechanical irritation of the eyes, skin, nose and throat.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Pure Substance

<u>Components</u>	<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Weight%</u>
	2,2'-Methylenebis(4-methyl-6-tert-butylphenol)	119-47-1	100%

Any concentrations shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove affected person to fresh air. If not breathing provide artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: Rinse mouth with water. Induce vomiting only at the instruction of a physician. Never give anything by mouth to an unconscious person. Seek medical attention.

Skin contact: Wash affected areas of skin with soap and plenty of running water. Seek medical attention if irritation develops or persists. Do not reuse contaminated clothing with laundering.

Eye contact: Irrigate eye with water for 15 minutes. Remove contact lenses to ensure thorough flushing. Contact a physician as soon as possible.

Most important symptoms/effects, acute and delayed:

Potential acute health effects:

Eye contact: Eye contact with dust may cause irritation. Symptoms of eye irritation may include itching, reddening, tearing and burning. Avoid eye contact.

Inhalation: Gases and fumes evolved during thermal processing or decomposition of this material may cause irritation to the upper respiratory tract, resulting in discomfort and/or coughing. Single exposure to fumes or dust is not expected to cause acute toxicity.



Skin contact: Repeated or prolonged skin contact may cause skin irritation and/or allergic reaction. Symptoms of skin irritation may include redness of the affected area. Avoid skin contact.

Ingestion: Ingestion of large amounts is unlikely. Ingestion of small amounts is not likely to cause acute toxicity.

Over-exposure signs/symptoms/Potential chronic health effects: Prolonged exposure to dust may lead to respiratory irritation with throat discomfort, coughing or breathing difficulty. Repeated and/or prolonged contact with eyes may cause conjunctivitis. Due to mechanical irritation, contact with this material may aggravate existing dermatitis, eye condition, respiratory disorder and/or other allergic reactions.

Notes to physician: Treat symptomatically. No specific treatment.

Indication of immediate medical attention and special treatment needed: No data available.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: In case of fire, use carbon dioxide (CO₂), dry chemical, foam or water fog. Use water spray to cool containers exposed to fire.

Unsuitable extinguishing method: None known.

Specific hazards arising from chemical: During a fire, irritating and/or toxic gases may be generated by thermal decomposition or combustion. If heated above its decomposition temperature in the presence of air, product can support combustion. At sufficient concentrations, dust can form explosive mixtures with air.

Combustion products: Carbon oxides.

Special firefighting equipment and precautions for firefighters: Evacuate all non-emergency personnel to a safe area. Firefighters should wear a self-contained breathing apparatus (SCBA) operating in a positive pressure mode and full firefighting protective clothing for combating fires.

NFPA Ratings: Health: 2 Fire: 1 Reactivity: 0

Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Extinguish all ignition sources. Avoid dust formation. Ensure adequate ventilation. Avoid breathing dust. Unnecessary personnel should be kept clear of the spill area. Clean-up personnel should wear appropriate personal protective equipment (See Section VIII).

Methods and materials for containment and cleaning up:

Take up any spilled product by mechanical means (avoid dust formation) and place into sealed containers for proper disposal. Dispose of waste materials including empty product bags or drums in accordance with local, state and federal regulations. See Section XIII for disposal considerations.

Environmental precautions:

Prevent further leakage or spilling if safe to do so. Do not allow product enter sewage or ground water. Discharge into the environment must be avoided.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: All handling equipment should be properly grounded to prevent build-up of electrostatic charges. Storage area should be equipped with a sprinkler system. Maintain good housekeeping to prevent dust accumulation and avoid formation of aerosols. Avoid breathing dust. Observe good industrial hygiene practice for chemical handling. See Section VIII for personal protection equipment.

Conditions for safe storage, including any incompatibilities: Store in cool (<35°C), dry (<50% relative humidity) conditions. Keep container tightly closed in a well-ventilated area. Store away from oxidizing agents. Keep away from heat, sparks and flames.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits: Contains no substances with established occupational exposure limit values.

Appropriate engineering controls: Local exhaust recommended when generating excessive levels of airborne particles. Discharge from the ventilation system should comply with applicable air pollution control regulations. Use sufficient ventilation to keep employee exposure below recommended limits.

Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety glasses with side shields.

Skin/Hand protection: Wear impervious gloves to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with good laboratory practices. Wash hands with soap and water.



Body protection: To protect the body, wear impervious clothing such as coveralls to minimize skin contact. Select protective equipment according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: If dust is generated, wear NIOSH-approved dust respirator or dust mask. If vapors/dust are generated above exposure limits and the respirator is the sole means of protection, use NIOSH approved full-face organic cartridge filter respirator, air supplied respirator or SCBA. Respirators should be selected and used in accordance with OSHA, Subpart 1 (29 CFR 1910.134)

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Appearance:	White powder
Odor:	Slight phenolic
pH:	No data available
Boiling Point/Range:	No data available
Melting Point/Freezing Point:	Initial melting point/range: $\geq 123-127^{\circ}\text{C}$ (253-261°F)
Flash Point (°C):	195°C (383°F)
Flammable/Explosion Limits:	No data available
Relative Density (Specific Gravity):	1.04
Vapor Pressure:	No data available
Vapor Density:	No data available
Solubility:	Water solubility: 0.02 mg/L Essentially insoluble in water. Soluble in acetone, ethanol and ethyl acetate.
Partition Coefficient: (n-octanol/water)	$\log P_{ow}=62.25$ at 20°C (68°F)
Auto-ignition Temperature:	Approximately 355°C (671°F)
Viscosity:	No data available
Explosive Properties:	No data available

SECTION 10 - STABILITY & REACTIVITY

Reactivity: No data available.

Chemical stability: Material is stable under recommended storage and handling conditions.

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.



Mobility in soil: No data available

Other adverse effects: No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues and must be treated as waste. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14 - TRANSPORTATION INFORMATION

U.S. DOT: Not regulated.

IMO: Not regulated

IATA: Not regulated.

SECTION 15 - REGULATORY INFORMATION

U.S.:

TSCA Inventory Status: This product is listed on the Toxic Substances Control Act Inventory.

Title III SARA Status

SARA Section 302-Extremely Hazardous Substance	Not regulated
SARA Section 311 & 312-Hazardous Categories	Chronic Health Hazard
SARA Section 313-Toxic Chemicals	Not regulated

SARA 313

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects or any other reproductive harm.

SECTION 16 - OTHER INFORMATION

Issue date: 05-11-2015

Version #: 01



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Revision Information: GHS Format

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