



Material Safety Data Sheet

(in compliance with 29 CFR 1910.1200)

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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: STANGARD® 6PPD

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: December 2, 2009
Preparer: Health, Safety & Environment
Product Use: Antiozonant

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components Chemical Identity	CAS Number	LD ₅₀ of Ingredient	LC ₅₀ of Ingredient	%
N-(1,3-Dimethylbutyl)-N'-Phenyl-p-Phenylenediamine	793-24-8	Oral (rat) =3580 mg/kg		>99

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

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

Emergency Overview: WARNING! Combustible dust – explosion potential. Static charges generated by emptying packages in or near flammable vapors may cause flash fire. May irritate the eyes and skin. Avoid breathing dust. May irritate the lungs

Potential Health Effects: Causes moderate skin irritation. Causes mild eye and respiratory irritation. Repeated or prolonged skin contact may cause skin irritation or skin sensitization. Molten product will cause burns to skin.

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, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin contact: Wash with soap and water. Remove contaminated clothing and launder before reuse. Destroy or properly dispose of contaminated shoes. If irritation persists or signs of toxicity occur, seek medical attention. If molten product contacts skin, cool under a running stream of water. Do not attempt to remove the material from skin. Removal could result in skin damage. See medical attention.



Eye contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and seek medical attention if irritation persists. If molten product contact eye, irrigate with water for 15 minutes and seek medical attention immediately.

Notes to Physician: Material should not be forcibly pulled from skin. Mineral oil may be used to loosen the material, then provide treatment for thermal burn. If burn is present, treat as any thermal burn.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): 400°F (Cleveland Open Cup)

Extinguishing media: Water spray or dry chemical.

Special fire fighting procedures: Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces. Do not allow runoff to enter waterways.

Unusual fire and explosion hazards: Toxic emissions may result if product is involved in a fire. Fire produces carbon monoxide and carbon dioxide gases.

Hazardous combustion products: Product will emit acid dense smoke with carbon and nitrogen oxides.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear protective clothing. Avoid the generation of dust. Scoop and place into tightly sealed container for disposal. Isolate the area and remove sources of friction, impact, heat, low level electrical current, and RF energy. Isolate spill and stop leak if without risk. Scoop up and remove solids. Do not spread spilled product with water.

SECTION 7 - HANDLING AND STORAGE

Handling: Prevent dust accumulation. Avoid generating or breathing dust. Avoid contact with eyes, skin and clothing. Re-close containers of unused product. Wash hands before eating and drinking. Do not reuse the container. Keep ignition sources away.

Storage: Store closed containers in a cool, dry well-ventilated area. Store away from strong oxidizing materials and high temperatures. Avoid exposure to direct sunlight. Do not store near Insoluble Sulfur. Slowly degrades and release irritating vapors under warm, humid conditions.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:	PEL:	15 mg/m ³ total dust
	TLV:	10 mg/m ³ total dust
	ACGIH:	3 mg/m ³ respirable dust

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

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



Protective gloves: Impervious

Eye protection: Chemical goggles

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

Other protective clothing or equipment: None known.

Work/hygienic practices: None known.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	260°C	Specific gravity:	0.986
Softening point:	44-46°C	Molecular weight:	268.4
Vapor pressure (mm Hg):	Negligible	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Negligible	Evaporation rate:	Not available
Appearance/Physical state:	Pastille	Odor:	
Form:	Solid	Color:	Dark brown or purple

SECTION 10 - STABILITY & REACTIVITY

Stability **Stable:**
 Unstable:

Conditions to avoid (conditions of reactivity): Avoid ignition sources. Keep away from heat, sparks and flame.

Incompatibility (materials to avoid): Avoid strong oxidizing agents. Avoid contamination of product with small amounts of water. Do not store near Insoluble Sulfur.

Hazardous decomposition or byproducts: Carbon monoxide. Oxides of nitrogen. Oxides of sulfur.

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

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute: Causes moderate skin irritation. May cause allergic skin reaction. Possible skin sensitizer. Causes mild eye irritation.

Chronic: Prolonged exposure to smoke or fumes generated by heating this product may lead to respiratory irritation with throat discomfort, coughing or breathing difficulty. Repeated exposure may lead to respiratory sensitization (asthma).



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 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.

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: None known

RCRA status

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

HMIS Classification: HEALTH 2 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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