

PPH1TF2-Black

**Material Safety Data Sheet**

Date of Preparation: 10/25/2004 ✓

MSDS No. B46089 PPH1TF2-Black

**Section 1 - Chemical Product and Company Identification**

Product/Chemical Name: PPH1TF2-Black

Chemical Formula: Thermoplastic

Other Designations: B46089

Manufacturer: Washington Penn Plastic Co. Inc., Washington, PA 15301 Phone: 724-228-1260 Fax: 724-228-0962

HMIS

H 1

F 1

R 0

**\*\*\*\*\* Emergency Overview \*\*\*\*\***

Molten material can cause severe burns to skin. Wear protective clothing when working with or near molten material.  
Do Not allow material to enter streams or waterways per 40 CFR 122.26, "Significant Material"

**Section 2 - Composition / Information on Ingredients**

Please note that the following listed ingredients pose little to no air contamination hazard because of encapsulation in polymer and are disclosed for reporting purposes only. THIS PRODUCT IS NOT A HAZARDOUS MATERIAL AS DEFINED IN 29 CFR 1910.1200.

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>% wt or % vol</u>
Carbon Black	1333-86-4	<1.0

**Section 3 - Physical and Chemical Properties**

Physical State:	Solid	Water Solubility:	Insoluble
Appearance and Odor:	Pellet form - Essentially Odorless	% Volatile:	<1%
Odor Threshold:	Slight Odor	Evaporation Rate:	<1
Specific Gravity:	1.06		

**Section 4 - Fire-Fighting Measures**

Auto Ignition Temperature:	590°C
Flammability Classification:	1
Extinguishing Media:	Carbon Dioxide, Water Fog, Foam
Unusual Fire or Explosion Hazards:	None
Fire-Fighting Instructions:	Do not release pellet containing runoff from fire control methods to sewers or waterways.
Fire-Fighting Equipment:	Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

**Section 5 - Stability and Reactivity**

Stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization:	Hazardous polymerization cannot occur.
Chemical Incompatibilities:	Strong Oxidizing Agents
Conditions to Avoid:	Same as above
Hazardous Decomposition Products:	Thermal oxidative decomposition may yield carbon monoxide, carbon dioxide and low molecular weight hydrocarbons.

H1TF2-Black

**Material Safety Data Sheet****Section 6 - Health Hazard Information****Potential Health Effects****Primary Entry Routes:** Low risk of entry in present form**Acute Effects****Inhalation:** Low hazard for usual industrial or commercial handling. Not likely to dust. Fumes can cause irritation.**Eye:** Same as above**Skin:** Same as above**Ingestion:** Is not expected to occur. If swallowed, may physically irritate digestive system.**Carcinogenicity:** IARC, NTP, and OSHA do not list this product as a carcinogen.

Carbon Black\*

IARC: Group 2B (Possible Human Carcinogen)

ACGIH: A4 (Not Classifiable as a Human Carcinogen)

OSHA: No

NTP: No

**Total Dust Exposure Limits:**

Carbon Black\*

OSHA: 15 mg/m<sup>3</sup> TWAACGIH: 10 mg/m<sup>3</sup> TWA*\*As Airborne Contaminant only***Emergency and First Aid Procedures****Inhalation:** If breathing is difficult, remove to fresh air, call a physician.**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes, call a physician.**Skin Contact:** The compound is not likely to be hazardous, but cleansing the skin after use is advisable.**Ingestion:** No specific intervention is indicated as compound is not likely to be hazardous. However, if symptoms of gastrointestinal irritation occur, consult a physician.*After first aid, get appropriate in-plant, paramedic, or community medical support.***Section 7 - Spill, Leak, and Disposal Procedures****Spill / Leak Procedures:** Shut off source, advise authorities of possible floating material. Substance is non toxic.**Containment:** Do not release into sewers or waterways. Plastic pellets are defined by USEPA under the Clean Water Act (40 CFR 122.26 as a "Significant Material" which may require a storm water permit.**Cleanup:** Place waste in box or other container suitable for recycle or disposal.**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).**Disposal:** Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations.**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:****Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.**Administrative Controls:****Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134).

PPH1TF2-Black

**Material Safety Data Sheet**

- Protective Clothing / Equipment:** Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protection devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.
- Safety Stations:** Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
- Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.
- Comments:** Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**Section 9 - Special Precautions and Comments**

- Handling Precautions:** Wear gloves when material is in molten state and cover other body areas if contact is possible.
- Storage Requirements:** Do not store near flame or heat.

**Section 10 - Regulatory Information**

**U.S Federal Regulations:**

SARA 313 Reporting Requirements:  
None Reportable

CERCLA Reportable Quantities:  
None Reportable

OSHA:  
Carbon Black CFR 29 1910.1000 "Air Contaminants"

Toxics Substance Control Act (TSCA) Inventory:  
Components are either on the list or exempt from the list.

**State Regulations:**

New Jersey Right to Know Substance List:	Carbon Black
Massachusetts Substance List:	Listed as Air Contaminant (Carbon Black)
Pennsylvania Environmental Hazard List:	Listed (Carbon Black)
California Proposition 65:	Carbon Black

**International Regulations:**

Materials contained in this product that are listed on the following international lists:

Canadian-DSL/NDL:  
All materials

EU-EINECS/ELINCS:  
All materials

Australian-Designated Hazardous Substance List:  
Carbon Black

**DOT Transportation Data (49 CFR 172.101)**

- Shipping Name:** PPH1TF2-Black
- Prepared By:** Technology Department
- Revision Notes:** Any questions call 724-228-1260, ext. 4386
- Disclaimer:** The information contained herein is believed to be factual as it has been derived from the works and opinions of persons believed to be qualified experts; however, nothing contained in this information is to be taken as a warranty or representation for which WPP bears legal responsibility.