

PPC6CF2-UV Natural

Material Safety Data Sheet (according to EU 93/112/EC)

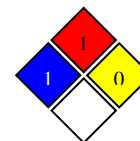
Date of Preparation: 01/14/2009

MSDS No. B56928 PPC6CF2-UV Natural**Section 1 - Chemical Product and Company Identification**

Product/Chemical Name: PPC6CF2-UV Natural
Product Use: Consumer Product. Industrial Applications.
Chemical Formula: Thermoplastic
Other Designations: N/A
Manufacturer: Washington Penn Plastic Co. Inc.,
 450 Racetrack Road
 Washington, PA 15301 Phone:
Product Information: (800) 864-4210, ext. 4386

HMIS

H 1
F 1
R 0

NFPA

Emergency Telephone: (800) 424-9300
Outside U.S.: 1 703-527-3887

United States Official Harmonized Tariff Schedule (HTS): **3902.30.00.00**
(Number does not infer NAFTA or other international clearance)

******* 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"
THIS PRODUCT IS NOT A HAZARDOUS MATERIAL AS DEFINED IN 29 CFR 1910.1200

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 No.</u>	<u>EINECS No.</u>	<u>% wt or % vol</u>
Polypropylene Homopolymer/Copolymer	9010-79-1/9002-88-4	N/A	74-83
Calcium Carbonate	1317-65-3	215-279-6	18-23
Poly[[6-[1,1,3,3-tetramethylbutyl)amino]-s-triazine-2,4-diy]l[(2,2,6,6-tetramethyl-4-piperidyl)imino]hexamethylene[(2,2,6,6-tetrame	70624-18-9	N/A	0-0.35
Further Additives	Trade Secret	N/A	0-1.65

Section 3 - 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: Fumes can irritate eyes.

Skin: Molten material may damage skin.

Ingestion: Is not expected to occur. If swallowed, may physically irritate digestive system.

Section 4 - Emergency and First Aid Procedures

- Inhalation:** If breathing is difficult due to exposure to fumes, remove to fresh air and call a physician if symptoms continue or worsen.
- Eye Contact:** If contacting molten material, flush eyes with plenty of water for at least 15 minutes and call a physician. If contacting dust particles flush with plenty of water and call a physician if necessary. Do not use any other liquids other than water for flushing.
- Skin Contact:** The compound is not likely to be hazardous, but cleansing the skin after use is advisable. **If molten material contacts skin, flush with cool water until skin and material temperature is ambient. Do Not Remove material without consulting with plant first aid representative or physician.**
- Ingestion:** No specific intervention is indicated as compound is not likely to be hazardous. However, if symptoms of gastrointestinal irritation occur, consult a physician.

If necessary, after first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

- Auto Ignition Temperature:** >357°C (675°F)
- 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

Section 6 – Accidental Release Measures

- 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 federal, state, and local regulations.

Section 7 – Handling and Storage

- 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 extreme heat.

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

- Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below applicable Permissible Exposure Limits. 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) or other respiratory regulations for minimizing possible dust exposure.
- Protective Clothing / Equipment:** Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133) or other applicable regulatory requirements. 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 restroom facilities, or applying cosmetics.

Section 9 - Physical and Chemical Properties

Physical State:	Solid	Water Solubility:	Low water solubility
Appearance and Odor:	Pellet form - Essentially Odorless	% Volatile:	<1%
Odor Threshold:	Slight Odor	Evaporation Rate:	<1
Specific Gravity:	1.04 – 1.08		

Section 10 - 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: Strong Oxidizing Agents. Vapors or fumes which could irritate the respiratory tract may form at temperatures above 300°C. Dissipate static electricity during transfer by grounding containers and equipment.
Hazardous Decomposition Products: Thermal oxidative decomposition may yield carbon monoxide, carbon dioxide and Low molecular weight hydrocarbons.

Section 11 – Toxicological Information

Toxicity to Animals:

LD50:	No testing has been performed by the manufacturer.
LC50:	No testing has been performed by the manufacturer.
Mutagenicity:	No testing has been performed by the manufacturer.
Reproductive	
Toxins:	No testing has been performed by the manufacturer.
Teratogenicity:	No testing has been performed by the manufacturer.

Chronic Effects on Humans:

Carcinogenicity:	IARC, NTP, ACGIH, and OSHA do not list this product as a carcinogen.
Benzene, ethyl-:	IARC: Group 2B (Possible Human Carcinogen) ACGIH: Not Classifiable OSHA: No NTP: No
Benzene, dimethyl-:	IARC: Group 3 (Not Classifiable as a Human Carcinogen) ACGIH: A4 (Not Classifiable as a Human Carcinogen) OSHA: No NTP: No

Total Dust Exposure Limits:

Calcium Carbonate*:	OSHA: 15 mg/m3 TWA ACGIH: 10 mg/m3 TWA
Benzene, ethyl-:	OSHA: 100 ppm TWA ACGIH: 100 ppm TWA
Benzene, dimethyl-:	OSHA: 100 ppm TWA ACGIH: 100 ppm TWA

*As Airborne Contaminant only.

Section 12 – Ecological Information

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”.

Ecotoxicity: No testing has been performed by the manufacturer.
Biodegradable/OECD: Not Inherently Biodegradeable
Mobility: Pellets heavier than water (>1.0 gm/cm³) are not likely to move rapidly because of low water solubility. Pellets lighter than water (<1.0 gm/cm³) will float and travel rapidly on the water surface.
Bioaccumulative Potential: Material not expected to bioaccumulate through food chains.
Other Ecological Information: Pellets may be ingested by wildlife and though not toxic may block digestive systems leading to starvation or death

Section 13 – Disposal Considerations

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, state, and local regulations. Do not allow spills or run off to enter the environment.

Section 14 - Transport Information

Not a DOT controlled material (United States)

USCG Proper Shipping Name: PPC6CF2-UV Natural

TDG Classification: Not Controlled under TDG
ADR/RID Classification: Not Controlled under ADR
IMO/IMDG Classification: Not Controlled Under IMDG
IACO/IATA Classification: Not Controlled under IATA

Section 15 – Regulatory Information

U.S Federal Regulations:

SARA 313 Reporting Requirements:
 100-41-4 Benzene, ethyl-(<0.0007%): de minimis concentration = 0.1
 1330-20-7 Benzene, dimethyl-(<0.0007%): de minimis concentration = 1.0

CERCLA Reportable Quantities:
 No Reportable Substance

OSHA:
 Calcium Carbonate 29 CFR 1910.1000 “Air Contaminants”
 Poly[[6-[1,1,3,3-tetramethylbutyl)amino]-s-triazine- 2,4-diyl][(2,2,6,6-tetramethyl-4-piperidyl)imino] hexamethylene[(2,2,6,6-tetrame
 Contains: 100-41-4 Benzene, ethyl-
 1330-20-7 Benzene, dimethyl-

Clean Air Act – Hazardous Air Pollutants (HAP)/Act 111 Volatile Organic Compounds (VOC)
 100-41-4 Benzene, ethyl- (<0.0007%) SOCFI
 1330-20-7 Benzene, dimethyl- (<0.0007%) SOCFI

Clean Water Act Priority Pollutants List:
 No Reportable Substance

RCRA Ground Water List:
 No Reportable Substance

Toxics Substance Control Act (TSCA) Inventory:
 1330-20-7 Benzene, dimethyl- (<0.0007%) – 12b Export Notification
 All other chemicals or substances are either listed or exempt.

State Regulations:

New Jersey Right to Know Substance List: Benzene, ethyl- (<0.0007% or 7ppm), Benzene, dimethyl- (<0.0007% or 7ppm)
Massachusetts Substance List: Calcium Carbonate, Benzene, ethyl- (<0.0007% or 7ppm),
Benzene, dimethyl- (<0.0007% or 7ppm)
Pennsylvania Environmental Hazard List: Calcium Carbonate, Benzene, ethyl- (<0.0007% or 7ppm),
Benzene, dimethyl- (<0.0007% or 7ppm)
California Proposition 65: Benzene, ethyl- (<0.0007% or 7ppm)

International Regulations:

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

WHMIS (Canada):
Not Controlled

Canadian-DSL/NDSL:
All component materials listed

EU-EINECS/ELINCS:
All component materials listed

Dangerous Substance Classification and Labeling (DSCL):
Not Controlled

Australian Hazardous Substance Inventory System:
Benzene, ethyl- (<0.0007%)
Benzene, dimethyl- (<0.0007%)

Section 16 – Other Information

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.