

PPC1CF-1-White-IM

Material Safety Data Sheet

Date of Preparation: 3/24/2005

MSDS No. B56509 PPC1CF-1-White -IM

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: PPC1CF-1-white -IM

HMIS

Chemical Formula: Thermoplastic

Other Designations: B56509

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

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

<u>Ingredient Name</u>	<u>CAS Number</u>	<u>% wt or % vol</u>
Titanium Dioxide	13463-67-7	<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:	0.970-0.990		

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.

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.

Titanium Dioxide*: IARC: Group 3 (Not classifiable as a Human Carcinogen)
ACGIH: Not Classifiable
OSHA: No
NTP: No

Total Dust Exposure Limits:

Titanium Dioxide: OSHA: 15 mg/m³ TWA
ACGIH: 10 mg/m³ TWA

** As Airborne Contaminant*

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).

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:
No reportable substances

CERCLA Reportable Quantities:
No reportable substances

OSHA:
Titanium Dioxide (29 CFR 1910.1200 "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:	Titanium Dioxide,
Massachusetts Substance List:	Titanium Dioxide,
Pennsylvania Environmental Hazard List:	Titanium Dioxide,
California Proposition 65:	

International Regulations:

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

Canadian-DSL/NDSL:
All materials

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EU-EINECS/ELINCS:
All materials

Australian-Designated Hazardous Substance List:

DOT Transportation Data (49 CFR 172.101)

Shipping Name: PPC1CF-1-White -IM

Prepared By: Technology Department

Revision Notes: Any questions call 724-228-1260, ext. 4386

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