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**MATERIAL SAFETY DATA SHEET**

**TECAFINE™ PP**

**EMERGENCY TELEPHONE:** 724-746-6050 or 856-227-0500  
**Issue Date:** April 1, 2002  
**Revised Date:** January 18, 2005  
**TRADE NAME:** Tecafine PP  
**CHEMICAL NAME:** Polypropylene

**1. Composition / Information on Ingredients**

This product is not a hazardous material as defined in 29 CFR 1910.1200

**2. Physical and Chemical Properties**

*Physical State:* Solid  
*Appearance and Odor:* Natural or Black color / Essentially odorless  
*Specific Gravity:* 0.890 - 0.910  
*Water Solubility:* Insoluble  
*% Volatile:* < 1%  
*Evaporation Rate:* < 1

**3. Fire Fighting Measures**

*Auto Ignition Temperature:* 600  
*Flammability Classification:* 1  
*Extinguishing Media:* Carbon Dioxide, Water Fog, Foam  
*Unusual Fire or Explosion Hazards:* None  
*Fire-Fighting Instructions:* Do not release 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.

**4. 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

## 5. 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

*Eye:* Low hazard for usual industrial or commercial handling

*Skin:* Low hazard for usual industrial or commercial handling

*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.

### 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 a compound is not likely to be hazardous, however, if symptoms occur, consult a physician

*After first aid, get appropriate in-plant, paramedic, or community medical support.*

## 6. 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.

*Clean up:* 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.

## 7. Exposure Controls / Personal Protection

### Engineering Controls

*Ventilation:* Provide general or local exhaust ventilation systems to maintain airborne concentrations 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 respiratory regulations (29 CFR 1910.134).

*Protective Clothing:* 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 use. 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.

## 8. Special Precautions 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

*This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe this information to be correct but cannot guarantee its accuracy or completeness. Health and safety precaution in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulation. No statement made in the data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.*