

Safety Data Sheet

Product No. 18097 Benzoyl Peroxide Paste (Component of 18350, GMA Kit)

Issue Date (11-19-13)

Review Date (08-31-17)

Section 1: Product and Company Identification

Product Name: Benzoyl Peroxide Paste (Component of 18350, GMA Kit)

Synonym: None

Company Name

Ted Pella, Inc., P.O. Box 492477, Redding, CA 96049-2477

Inside USA and Canada 1-800-237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Outside USA and Canada 1-530-243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

CHEMTREC USA and Canada Emergency Contact Number 1-800-424-9300 24 hours a day

CHEMTREC Outside USA and Canada Emergency Contact Number +1-703-741-5970 24 hours a day

Section 2: Hazard Identification

GHS Pictograms:



GHS Categories:

Oxidizing: May cause fire.

Toxic: May cause harm to the unborn child.

Irritant: Irritating to eyes. May cause sensitization by skin contact.

Health hazard: Harmful, possible risk of impaired fertility.

Signal Word: DANGER

Risk phrases:

May cause harm to the unborn child.

May cause fire.

Irritating to eyes.

May cause sensitization by skin contact.

Possible risk of impaired fertility.

Safety phrases:

Avoid exposure - obtain special instructions before use.

Avoid contact with skin.

Wear suitable gloves and eye/face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

This material and its container must be disposed of as hazardous waste.

Health Effects:

NFPA Hazard Rating: Health: 2; Fire: 1; Reactivity: 1

HMIS® Hazard Rating: Health: 2; Fire: 1; Reactivity: 1

(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)

Results of PBT and vPvB assessment: A chemical safety assessment has not been carried out.

PBT: ND

vPvB: ND

Emergency overview:

Appearance: White paste.

Immediate effects: Skin and eye irritation.

Potential health effects

Primary Routes of entry: Skin and eye contact, inhalation.

Signs and Symptoms of Overexposure: ND

Eyes: May cause eye irritation or damage.

Skin: May cause skin irritation and redness.

Ingestion: Harmful if swallowed, may cause toxic effects.

Inhalation: May cause irritation of the nose, throat, and lungs.

Chronic Exposure: ND

Chemical Listed As Carcinogen or Potential Carcinogen: No

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m ³	ACGIH TLV mg/m ³	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Benzoyl Peroxide (94-36-0) H241; H319; H317	50- 100	NE	NE	No	No	No
Dibutyl phthalate (84-74-2) H360	2.5- 10	5	5	No	3	No

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

Skin Contact: Immediately wash with water and soap and rinse thoroughly.

Inhalation: Supply fresh air and to be sure call for a doctor. In case of unconsciousness, place patient stably in side position for transportation.

Ingestion: If symptoms persist consult doctor.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: ND

Flammable Limits: Upper: 2.0 Vol%, Lower: 0.1 Vol %

Ignition temperature: 390 °C (734 °F)

Auto-ignition point: Product is not self-igniting.

Fire Extinguishing Media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special Fire Fighting Procedures: ND

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: ND

DOT Class: Organic peroxide type D, solid (contains: Dibenzoyl peroxide), Oxidizer

Section 6: Accidental Release Measures

Steps to be taken in Case Material is Released or Spilled:

Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

Waste Disposal Methods: Dispose of waste according to Federal, State and Local Regulations.

Section 7: Handling and Storage

Precautions to be taken in Handling and Storage: Ensure good ventilation/exhaustion at the workplace. Open and handle receptacle with care. Prevent formation of aerosols. Keep respiratory device available. Keep receptacle tightly sealed.

Storage temperature: Room temperature.

Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: Ensure adequate ventilation.

Personal Protection Equipment

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes. Avoid contact with the eyes and skin.

Respiratory protection: In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protective gloves: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Skin protection: Appropriate protective clothing.

Eye protection: Tightly sealed goggles.

Additional clothing and/or equipment:

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: White paste.

Odor (threshold): Light.

Specific Gravity (H₂O=1): ND

Vapor Pressure (mm Hg): 1 hPa (1 mm Hg)

Vapor Density (air=1): ND

Percent Volatile by volume: ND

Evaporation Rate (butyl acetate=1): ND

Boiling Point: ND

Freezing point / melting point: ND

pH: ND

Solubility in Water: Not miscible or difficult to mix.

Molecular Weight:

Section 10: Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Heat, Ignition sources.

Materials to Avoid (Incompatibility): Acids, strong oxidizers, reducing agents, sulfur, accelerators, and metal salts.

Hazardous Decomposition Products: Can produce flammable and toxic vapors upon decomposition.

Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed:

Oral LD50 8000 mg/kg (rat)

Dermal LD50 20000 mg/kg (rabbit)

Primary irritant effect:

On the skin: No irritant effect.

On the eye: Irritating effect.

Sensitization: Sensitization possible through skin contact.

Human experience:

This product **does** contain a compound listed by NTP or IARC or regulated by OSHA as a carcinogen: Benzoyl Peroxide Paste: IARC: 3

Section 12: Ecological Information

Ecological Information: ND

Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: Dibutyl phthalate (84-74-2): U069

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Federal, State and local laws governing disposal of materials can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

US DOT Information: Proper shipping name: Organic peroxide type D, solid (contains: Dibenzoyl peroxide)

Hazard Class: 5.2

Packaging group: II

UN Number: UN3106

IATA: Proper shipping name: Organic peroxide type D, solid (contains: Dibenzoyl peroxide)

Hazard Class: 5.2

Packing group: II

UN Number: UN3106

Marine Pollutant: Yes, contains 2.5-10% and listed as Di-n-Butyl phthalate or (Dibutyl phthalate)

Canadian TDG: Organic peroxide type D, solid (contains: Dibenzoyl peroxide)

Section 15: Regulatory Information

United States Federal Regulations

MSDS complies with OSHA's Hazard Communication Rule 29, CFR 1910.1200.

SARA: Section 355 (extremely hazardous substances): None of the ingredients is listed.

Section 313 (Specific toxic chemical listings): All ingredients are listed.

RCRA: Dibutyl phthalate (84-74-2) is listed: U069

TSCA: All components are listed on the TSCA public inventory.

CERCLA: Dibutyl phthalate (84-74-2) RQ = 10 lbs.

State Regulations

California Proposition 65: dibutyl phthalate (84-74-2) is listed: Known to cause reproductive toxicity for females and males. Known to cause developmental toxicity.

International Regulations

Canada WHMIS: Classification, Benzoyl Peroxide (94-36-0): C, D2B, F. Dibutyl phthalate (84-74-2): D2A

Europe EINECS Numbers: Benzoyl Peroxide (94-36-0) EINECS: 202-327-6

Section 16: Other Information

Label Information: Toxic, Oxidizing

European Risk and Safety Phrases: Risk phrases: May cause harm to the unborn child. May cause fire. Irritating to eyes. May cause sensitization by skin contact. Possible risk of impaired fertility.

Safety phrases: Avoid exposure - obtain special instructions before use. Avoid contact with skin. Wear suitable gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

This material and its container must be disposed of as hazardous waste.

European symbols needed: ND

Canadian WHMIS Symbols: C, D2B, F, D2A

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

Ted Pella, Inc. makes no warranty of any kind regarding the information furnished herein. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the User's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.