



Material Safety Data Sheet

Product No. 18044 JB-4® Plus Accelerator Solution B: Component of 18040 JB-4® Plus Embedding Kit
Issue Date (11-28-06)
Review Date (06-01-12)

Section 1: Product and Company Identification

Product Name: JB-4® Plus Accelerator Solution B: Component of 18040 JB-4® Plus Embedding Kit

Synonym: None

Company Name

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

Domestic Phone (800) 237-3526 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

International Phone (01) (530) 243-2200 (Mon-Thu. 6:00AM to 4:30PM PST; Fri 6:00AM to 4:00PM PST)

Chemtrec Emergency Number 1-800-424-9300 24 hrs a day.

Section 2: Composition / Information on Ingredients

Principle Hazardous Component(s) (chemical and common name(s)) (Cas. No)	%	OSHA PEL mg/m3	ACGIH TLV mg/m3	NTP	IARC	OSHA regulated
Poly(ethylene oxide) (25322-68-3)	92	NE	NE	No	No	No
2,4,6(1H,3H,5H)- Pyrimidinetrione, 5-phenyl- 1-(phenylmethyl)- (72846- 00-5)	8	NE	NE	No	No	No

Section 3: Hazard Identification

Emergency overview

Appearance: Clear, colorless, viscous liquid.

Immediate effects: Low hazard for usual industrial or commercial handling.

Potential health effects

Primary Routes of entry: ND

Signs and Symptoms of Overexposure: ND

Eyes: ND

Skin: ND

Ingestion: ND

Inhalation: ND

Chronic Exposure: ND

Chemical Listed As Carcinogen Or Potential Carcinogen: None.

See Toxicological Information (Section 11)

Potential environmental effects

See Ecological Information (Section 12)

Section 4: First Aid Measures

If accidental overexposure is suspected

Eye(s) Contact: Flush eyes with flowing water for at least 15 minutes. Separate eyelids with finger tips. Contact medical personnel.

Skin Contact: Wash skin with copious amount of water for at least 15 minutes. Contact medical personnel.

Inhalation: Contact medical personnel.

Ingestion: If swallowed, give 8 oz. of water or milk to drink. Never give anything by mouth to an unconscious person. Contact medical personnel.

Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures

Flash Point: >200 °C

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: ND

Special Fire Fighting Procedures: ND

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: ND

DOT Class: NIF

Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Any information is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel. No special measures are indicated.

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: ND

Storage temperature: 25 °C

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required: ND

Personal Protection Equipment

Respiratory protection: ND

Protective gloves: Protective gloves.
Skin protection: ND
Eye protection: Minimum of safety glasses with side shields.
Additional clothing and/or equipment: ND

Exposure Guidelines

See Composition/Information on Ingredients (Section2)

Section 9 Physical and Chemical Properties

Appearance and Physical State: Clear colorless, viscous liquid
Odor (threshold): ND
Specific Gravity (H₂O=1): 1.18
Vapor Pressure (mm Hg): ND
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: ND
Molecular Weight: nap

Section 10: Stability and Reactivity

Stability: Stable.
Conditions to Avoid: High temperatures.
Materials to Avoid (Incompatibility): ND
Hazardous Decomposition Products: ND
Hazardous Polymerization: Will not occur.

Section 11: Toxicological Information

Results of component toxicity test performed: ND
Human experience: ND
This product **does** not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

Section 12: Ecological Information

Ecological Information: ND
Chemical Fate Information: ND

Section 13 Disposal Considerations

RCRA 40 CFR 261 Classification: Not listed.
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: Not regulated

IATA: Proper shipping name: Not regulated

IMO: Proper shipping name: Not regulated

Marine Pollutant: No

Canadian TDG: Not regulated

Section 15: Regulatory Information

United States Federal Regulations

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

SARA: Not listed.

SARA Title III: Not listed.

RCRA: Not listed

TSCA: ND

CERCLA: Not listed.

State Regulations

California Proposition 65: None.

International Regulations

Canada WHMIS: ND

Europe EINECS Numbers: 2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-phenyl-1-(phenylmethyl)- (72846-00-5): EINECS#: 276-940-2.

Section 16: Other Information

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

Canadian WHMIS Symbols: ND

Hazard Rating: Health: **0**; Fire: **1**; Reactivity: **0**

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

Abbreviations used in this document

NE= Not established

NA= Not applicable

NIF= No Information Found

ND= No Data

Disclaimer

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