

Safety Data Sheet

**Product No. 18044 JB-4® Plus Accelerator Solution B: Component of 18040 JB-4®
Plus Embedding Kit**

Issue Date (11-15-13)

Review Date (08-31-17)

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

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: None.

GHS Categories: None known when used as directed. Low hazard for usual industrial or commercial handling.

Signal Word: NA

Hazard and Precautionary Statements:

H000 Low hazard for normal industrial use
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P305B IF IN EYES: Separate eyelids with finger tips.
P313 Get medical advice/attention.
P351 Rinse cautiously with water for several minutes.

Health Effects:

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

HMIS® Hazard Rating: Health: 0; Fire: 1; Reactivity: 0

(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: colorless viscous liquid

Immediate effects: ND

Potential health effects

Primary Routes of entry: Skin and eye contact.

Signs and Symptoms of Overexposure: ND

Eyes: May cause eye irritation.

Skin: May cause skin irritation.

Ingestion: ND

Inhalation: ND

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/m3	ACGIH TLV mg/m3	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Poly(ethylene oxide) (25322-68-3)	91-100	NE	NE	No	No	No
2,4,6(1H,3H,5H)- Pyrimidinetrione, 5-phenyl- 1-(phenylmethyl) (72846-00-5) EINECS: 276-940-2	6-10	NE	NE	No	No	No

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.

Skin Contact: Wash skin with deluge of water for at least 15 minutes.

Inhalation: Contact medical personnel.

Ingestion: 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°F

Flammable Limits: ND

Auto-ignition point: ND

Fire Extinguishing Media: Carbon dioxide, dry chemical powder, and alcohol resistant foam.

Special Fire Fighting Procedures: Firefighters must wear self-contained breathing apparatus and fully protective equipment.

Unusual Fire and Explosion Hazards: ND

Hazardous combustion products: ND

DOT Class: Not regulated.

Section 6: Accidental Release Measures

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

Storage temperature: Room temperature.

Storage Pressure: ND

Section 8: Exposure Controls / Personal Protection

Engineering Controls

Ventilation required:

Personal Protection Equipment

Respiratory protection: No special protection is indicated.

Protective gloves: The glove material has to be impermeable and resistant to the product. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. All glove recommendations presume that the risk of

exposure is through splash and not intentional immersion of the hands into the product.

Since glove permeation data does not exist for this material, no recommendation for the glove material can be given for the product. Permeation data must be obtained from the glove manufacturer to determine if the glove is suitable for the task.

Eye protection: Safety glasses with side shields.

Additional clothing and/or equipment: NA

Exposure Guidelines

See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties

Appearance and Physical State: 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 under normal conditions.

Conditions to Avoid: High heat

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

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: Substances are not listed.

SARA Title III: Substances are not listed.

RCRA: Not listed

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

CERCLA: Substance is not listed.

State Regulations

California Proposition 65: Not listed.

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: NA

European Risk and Safety Phrases: R0 - No R risk phrase applies, use normal chemical controls. S0 - No S Phrase applies. Use ambient temperature storage and normal chemical controls. S7/9 - Keep container tightly closed and in a well-ventilated place. S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

European symbols needed: NA

Canadian WHMIS Symbols: ND

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.