

### Safety Data Sheet

**Product No. 895-4, 895-5, 895-6, 895-7, 895-8, 895-9, 895-10, 895-20, 895-21, 895-22, 895-23, 895-4-18 to 895-23-18 Diamond Polishing Compound, 1/10, 1/4, 1/2, 1, 3, 6, 15, Set, 9, 30, 45 µm**

**Issue Date (12-31-15)**

**Review Date (08-31-17)**

---

#### Section 1: Product and Company Identification

**Product Name: Diamond Compound, 1/10, 1/4, 1/2, 1, 3, 6, 15, Set, 9, 30, 45 µm**

Synonym: Diamond Paste Polishing Compound

#### 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 Classification: Not a hazardous substance or mixture.

GHS Pictograms: None

**Signal Word:** None

#### Health Effects:

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

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

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

**Hazard Statements: None**

#### Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P264 Wash hands thoroughly after handling.

P337-P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to Federal, State, and Local Regulations.

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

PBT: ND

vPvB: ND

#### Emergency overview:

Appearance: Thick paste. Varying in color

Immediate effects: ND

#### Potential health effects

Primary Routes of entry: Inhalation at high temperatures, eye contact, skin contact.

Signs and Symptoms of Overexposure: Irritation.

Eyes: May cause moderate to severe irritation seen as marked excess reddening and swelling or the conjunctiva.

Skin: May cause irritation experienced as reddening and itchiness.

Ingestion: May cause gastrointestinal irritation. Nausea and vomiting may occur.

Inhalation: Vapor and mist may irritate nose and throat. Prolonged inhalation may cause dizziness.

Medical Conditions Aggravated by Long-Term Exposure: Individuals with pre-existing skin disorders or eye problems or impaired liver or kidney function may be more susceptible to the effects of chemical.

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 <sup>3</sup>	ACGIH TLV mg/m <sup>3</sup>	NTP Carcinogen	IARC Carcinogen	OSHA regulated Carcinogen
Polyalkylene Glycol (9038-95-3)	40-80	ND	ND	No	ND	No
Carbon (7782-40-3)	5-30	10	10	No	No	No
Proprietary ( trade Secret)	1-20	ND	ND	ND	ND	No

No ingredients are known to be hazardous under normal usage. Product formulation is Proprietary.

---

### Section 4: First Aid Measures

#### If accidental overexposure is suspected

Eye(s) Contact: Flush with plenty of water for at least 15 minutes. Get immediate medical attention.

Skin Contact: Remove contaminated clothing and shoes. Flush with plenty of water. Wash with warm water and mild soap. Get medical attention if symptoms persist.

Inhalation: Most likely not to occur, however vapors from polishing may be irritating, remove to fresh air. Seek medical attention if irritation persists.

Ingestion: May be irritating to digestive system, seek medical attention.

#### Note to physician

Treatment: ND

Medical Conditions generally Aggravated by Exposure:

---

### Section 5: Fire Fighting Measures

Flash Point: > 200 deg. C (estimated).

Flammable Limits: NA

Auto-ignition point: NA

Fire Extinguishing Media: Carbon Dioxide, Foam, Dry Chemical, Water Spray.

Special Fire Fighting Procedures: Wear a NIOSH approved positive pressure self-contained breathing apparatus with full protective clothing. Do not release runoff into sewers or waterways.

Unusual Fire and Explosion Hazards: None

Hazardous combustion products: Specific to type of material involved in fire.

DOT Class: None

---

### Section 6: Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled: Collect material for proper disposal.

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: Exercise ordinary care in handling industrial lubricants. Wash hands thoroughly after handling. Store in a well-ventilated area out of heat and sun. Store away from combustibles and reactive chemicals.

Storage temperature: Room temperature.

Storage Pressure: NA

---

## **Section 8: Exposure Controls / Personal Protection**

### **Engineering Controls**

Ventilation required: Local ventilation is generally not necessary under normal conditions of use adequate general ventilation. Ventilation and other forms of engineering controls are the preferred means for controlling chemicals exposures.

### **Personal Protection Equipment**

Respiratory protection: Avoid breathing in mist

Protective gloves: Wear protective gloves and avoid shin contact.

Skin protection: Wear protective clothing.

Eye protection: Wear protective goggles and glasses.

Additional clothing and/or equipment: Eye wash stations.

### **Exposure Guidelines**

See Composition/Information on Ingredients (Section 3)

---

## **Section 9 Physical and Chemical Properties**

Appearance and Physical State: Paste. Dye coloring may be used. It is not unusual to see the following colors: Yellow orange, green, blue, red, brown, black. Faint odor.

Odor (threshold): Faint odor.

Specific Gravity (H<sub>2</sub>O=1): 0.971 at 20° C

Vapor Pressure (mm Hg): <0.01 mm Hg @ 20° C

Vapor Density (air=1): 9.3

Percent Volatile by volume: 40-70

Evaporation Rate (butyl acetate=1): NA

Boiling Point:>200 20° C

Freezing point / melting point: <

pH: 9-10

Solubility in Water: 100%

Molecular Weight: NA

---

## **Section 10: Stability and Reactivity**

Stability: Stable at room temperature in closed containers under normal storage and handling conditions.

Conditions to Avoid: Heat source.

Materials to Avoid (Incompatibility): Strong oxidizing materials. Strong acids and bases. Hypochlorite, Chlorine. Materials reactive with hydroxyl compounds.

Hazardous Decomposition Products: Steam, carbon dioxide, carbon monoxide, and unidentified organic compounds in fumes and smoke may be form during combustion.

Hazardous Polymerization: Will not occur.

---

## **Section 11: Toxicological Information**

Results of component toxicity test performed: Poly(ethylene glycol-ran-propylene glycol) monobutyl ether.

CAS-No. : 9038-95-3

Acute toxicity LD50 Oral - Rat - 12,792 mg/kg, Inhalation: No data available, LD50 Dermal - Rabbit - > 20,800 mg/kg.

No data available Skin corrosion/irritation Skin – Rabbit Result: Mild skin irritation Serious eye damage/eye irritation No data available Respiratory or skin sensitisation No data available.

Human experience: ND

This product **does or does** not contain any compounds listed by NTP or IARC or regulated by OSHA as a carcinogen.

---

## **Section 12: Ecological Information**

Ecological Information: This product is bio-degradable.

Chemical Fate Information: NA

---

## **Section 13 Disposal Considerations**

RCRA 40 CFR 261 Classification: Contact a licensed waste disposal contractor for detailed recommendations.

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: Not regulated.

IATA: Not regulated.

IMO: Not regulated.

Marine Pollutant: No

Canadian TDG: Not regulated.

---

## **Section 15: Regulatory Information**

### **United States Federal Regulations**

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

SARA: 311/312 Immediate (Acute) Health Hazard: No. Sudden Release of Pressure Hazard: No. Reactive Hazard: No. Delayed (Chronic) Health Hazard: No. Fire Hazard: No.

SARA Title III: 313: No ingredients listed. Extremely Hazardous Substances (TPQ): No ingredients listed.

RCRA: None listed.

TSCA: All of the components of this product are listed on the TSCA inventory.

CERCLA: No ingredients listed.

### **State Regulations**

California Proposition 65: None listed.

### **International Regulations**

Canada WHMIS: ND

Europe EINECS Numbers: ND

---

## **Section 16: Other Information**

Label Information: ND

European Risk and Safety Phrases: ND

European symbols needed: ND

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.

