

## SAFETY DATA SHEET

Product No. 16056 DAG-T-502 Carbon Paint

Issue Date: (05-13-15)

Review Date: (09-06-2022) Rev.: 3

### Section 1: Product and Company Identification

Product Name: DAG-T-502 Carbon Paint

Synonym: Electrodag 502

Product Type: Coating

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

#### 2.1 Classification of the substance or mixture

Signal Word: DANGER

HIGHLY FLAMMABLE LIQUID AND VAPOR  
CAUSES SKIN IRRITATION  
CAUSES SERIOUS EYE IRRITATION  
MAY CAUSE DROWSINESS OR DIZZINESS

#### GHS Categories

GHS02 – Flammable

Flam. Liq. 2

GHS07 – Irritant

Skin Irrit. 2

Eye Irrit. 2A

Specific Target Organ Toxicity (STOT)

SE 3

#### 2.2 Label elements

##### GHS Pictograms



GHS02



GHS07

#### Hazard Statements

H224 Highly flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

#### Precautionary Statements

##### Prevention:

P210

Keep away from heat, sparks, open flames, hot surfaces - no smoking.

P233

Keep container tightly closed.

P273

Avoid release to the environment (particularly water).

P241

Use explosion-proof equipment.

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## Section 5: Fire Fighting Measures

<b>Extinguishing Media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide. Avoid using a direct stream of water.
<b>Special Firefighting Procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual Fire and Explosion Hazards:</b>	DANGEROUS when exposed to heat or flame. This material can be ignited by flame or spark under all normal atmospheric conditions. Formation of toxic gases is possible during heating or in fires.
<b>Hazardous Combustion Products:</b>	Oxides of carbon. Irritating and toxic gases or fumes may be released during a fire.

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## Section 6: Accidental Release Measures

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	Prevent further leakage or spillage if safe to do so. Block any potential routes to water systems. Remove all sources of ignition.
<b>Clean-up methods:</b>	Soak up with inert absorbent. Store in a closed container until ready for disposal. Remove all sources of ignition. Ventilate area.

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## Section 7: Handling and Storage

Precautions to be taken in Handling and Storage:

<b>Handling:</b>	Use only in well-ventilated areas. Do not inhale vapors and fumes. Wear suitable protective clothing, safety glasses and gloves. Remove all sources of ignition. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Make sure containers are properly grounded before use or transfer of material. Open bung slowly to relieve any internal pressure.
<b>Storage:</b>	For safe storage, store between 0 °C (32°F) to 32 °C (89.6 °F) Protect from direct sunlight. Keep in a cool, well-ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Ground and bond all metal containers for liquid transfer to avoid static sparks.

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## Section 8: Exposure Controls / Personal Protection

<u>Hazardous Component(s)</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>AIHA WEEL</u>	<u>OTHER</u>
Methyl ethyl ketone	200 ppm TWA 300 ppm STEL	200 ppm (590 mg/m <sup>3</sup> ) PEL	None	None
1,1-Difluoroethylene, polymer with hexafluoropropylene and tetrafluoroethylene	None	None	None	None
Carbon black	3 mg/m <sup>3</sup> TWA Inhalable fraction.	3.5 mg/m <sup>3</sup> PEL	None	None
Graphite	2 mg/m <sup>3</sup> TWA Respirable fraction	5 mg/m <sup>3</sup> PEL Respirable fraction. 15 mg/m <sup>3</sup> PEL Total dust. 15 MPPCF TWA	None	None

**Eye contact:** This product may be severely irritating to the eyes.

**Ingestion:** Harmful if swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury. This product may cause nervous system damage if swallowed.

<u>Hazardous Component(s)</u>	<u>LD50s and LC50s</u>	<u>Immediate and Delayed Health Effects</u>	<u>NTP Carcinogen</u>	<u>IARC Carcinogen</u>	<u>OSHA Carcinogen*</u>
Methyl ethyl ketone	Oral LD50 (Mouse) = 670 mg/kg Oral LD50 (Rat) = 2,300 - 3,500 mg/kg Oral LD50 (Rat) = 4,500 - 6,800 mg/kg Dermal LD50 (Rabbit) = > 8,000 mg/kg Inhalation LC50 (Rat, 4 h) = 11700 ppm	Irritant central nervous system	No	No	No
1,1-Difluoroethylene, polymer with hexafluoropropylene and tetrafluoroethylene	None	No Records	No	No	No
Carbon black	Oral LD50 (RAT) = > 8,000 mg/kg	Respiratory, Some evidence of carcinogenicity	No	Group 2B	No
Graphite	None	Lung	No	No	No

\*Specifically Regulated

## Section 12: Ecological Information

**Ecological Information:** Not available

## Section 13 Disposal Considerations

Information provided is for unused products only.

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

**Hazardous waste number:** Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. If discarded, this product is considered a RCRA ignitable waste.

## Section 14: Transportation Information

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Ethyl methyl ketone  
**Hazard class or division:** 3  
**Identification number:** UN 1193  
**Packing group:** II  
**DOT Hazardous Substance(s):** Methyl ethyl ketone

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Ethyl methyl ketone  
**Hazard class or division:** 3  
**Identification number:** UN 1193  
**Packing group:** II