Section 1: Product and Company Identification
Product Name: Grid Coating Pen, Coat-Quick "G"
Synonym: Grid Coating Pen
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
The product in its finished form is a liquid contained within a solid marker body designed for a controlled release. Under normal conditions of use, the product does not constitute a risk to health or safety and this document reflects only the hazards associated with the liquid contained within the marker. Additionally, industrial workplace exposure to the product is not consistent with exposure experienced by consumers or office workers. The requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 29 CFR 1910.1200 differ from the labeling requirements of the Consumer Product Safety Commission (CPSC) and as a result, this document may contain additional health hazard information not pertinent to consumer use and not found on the product label.

GHS Pictograms:

GHS Categories: For liquid 1,1,1-Trichloroethane
Signal word: Warning
Hazard statement(s)
H315 Causes skin irritation.
H332 Harmful if inhaled.
Precautionary statement(s)
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P321 Specific treatment (see supplemental first aid instructions on this label).
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
Hazards not otherwise classified (HNOC) or not covered by GHS: None
Health Effects: For Pen
Hazard Rating: Health: ND; Fire: ND; Reactivity: ND
(0=least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Results of PBT and vPvB assessment:
PBT: NA
vPvB: NA

Emergency overview
Appearance: Pen
Immediate effects: ND

Potential health effects
Primary Routes of entry: See Hazard Statements for 1,1,1-Trichloroethane
Signs and Symptoms of Overexposure: ND
Eyes: See Hazard Statements
Skin: See Hazard Statements
Ingestion: See Hazard Statements
Inhalation: See Hazard Statements
Chronic Exposure: NA
Chemical Listed as Carcinogen or Potential Carcinogen: None listed
See Toxicological Information (Section 11)

Potential environmental effects
See Ecological Information (Section 12)

Section 3: Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Principle Hazardous Component(s)</th>
<th>%</th>
<th>OSHA PEL mg/m³</th>
<th>ACGIH TLV mg/m³</th>
<th>NTP</th>
<th>IARC</th>
<th>OSHA regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>(chemical and common name(s))</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>(Cas. No)</td>
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<tr>
<td>1,1,1-Trichloroethane (71-55-6)</td>
<td>ND</td>
<td>1900</td>
<td>1900</td>
<td>No</td>
<td>Group 3</td>
<td>No</td>
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<tr>
<td>EC-No. : 200-756-3</td>
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<tr>
<td>Resin (64742-16-1) Non hazardous</td>
<td>ND</td>
<td>ND</td>
<td>ND</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures
If accidental overexposure is suspected
Eye(s) Contact: See Precautionary statement(s)
Skin Contact: See Precautionary statement(s)
Inhalation: See Precautionary statement(s)
Ingestion: See Precautionary statement(s)

Note to physician
Treatment: ND
Medical Conditions generally Aggravated by Exposure: ND

Section 5: Fire Fighting Measures
Flash Point: Resin: 550 °F, 1,1,1-Trichloroethane (71-55-6): ND
Flammable Limits: ND
Auto-ignition point: Resin: ND, 1,1,1-Trichloroethane (71-55-6): 998.6 °F
Fire Extinguishing Media:
Special Fire Fighting Procedures: ND
Unusual Fire and Explosion Hazards: ND
Hazardous combustion products: May decompose and emit toxic chloride fumes if exposed to high temperatures
DOT Class: Pen is considered an Article.

Section 6: Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled: In case the liquid is spilled or leaks from the pen, soak up liquid with cotton or sponge.
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: Normal handling is acceptable. This type of liquid is to be used by well experience technicians.
Store at room temperature and keep away from heat, open flame and small children.
Storage temperature: Ambient
Storage Pressure: NA

Section 8: Exposure Controls / Personal Protection / Engineering Controls
Ventilation required: Recommend working in well-ventilated area or chemical hood.

Personal Protection Equipment
Respiratory protection: Work in well-ventilated area.
Protective gloves: Normally not required, wear gloves if contact may occur.
Skin protection: Normally not required.
Eye protection: Normally not required.
Additional clothing and/or equipment: Normally not required

Exposure Guidelines
See Composition/Information on Ingredients (Section 3)

Section 9 Physical and Chemical Properties
Appearance and Physical State: Solvent and resin are contained in Pen.
Odor (threshold): ND
Specific Gravity (H2O=1): 1.4 g/L
Vapor Pressure (mm Hg): 40 mm Hg
Vapor Density (air=1): 0.8
Percent Volatile by volume: ND
Evaporation Rate (butyl acetate=1):
Boiling Point: 80°C
Freezing point / melting point: NA
pH: ND
Solubility in Water: 1.5
Molecular Weight: NA

Section 10: Stability and Reactivity
Stability: Stable
Conditions to Avoid: Keep away from heat and open flame.
Materials to Avoid (Incompatibility): ND
Hazardous Decomposition Products: Nonflammable, but may decompose and emit toxic chloride fumes if exposed to high temperatures.
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: ND
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
SARA: ND
SARA Title III:
RCRA: ND
TSCA: ND CERCLA: ND
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.
MSDS Form 0013F1 V3