## Section I. Chemical Product and Company Identification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Color Paste</th>
<th>CAS#</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DSL</td>
<td>All ingredients are listed or compliant with the NSNR.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TSCA</td>
<td>All ingredients are listed or compliant with TSCA.</td>
</tr>
</tbody>
</table>

### Product Name/Trade Name
- CT-30530

### Synonym
- None.

### Chemical Name
- Not applicable.

### Chemical Family
- Coloring material.

### Chemical Formula
- Not applicable.

### Manufacturer
- AOC, LLC
  - 950 Highway 57 East
  - Collierville, Tennessee U.S.A. 38017
  - Phone Number: (901) 854-2800

### Material Uses
- Industrial Applications: Used in the manufacture of thermoset plastic parts.

### In case of Emergency
- CHEMTREC (US): 24 hours/7 days (800) 424-9300
- Manufacturer: 8am-5pm (CST) Mon-Fri (901) 854-2800
- CANUTEC (Canada): 24 hours/7 days (613) 996-6666

## Section II. Information on Hazardous Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS #</th>
<th>% by Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1) Copper, [29H,31H-phthalocyaninato (2-)N29,N39,N31,N32]-, (SP-4-1)-</td>
<td>147-14-8</td>
<td>10-20</td>
</tr>
<tr>
<td>2) Chromium oxide</td>
<td>1308-38-9</td>
<td>5-10</td>
</tr>
<tr>
<td>3) Titanium dioxide</td>
<td>13463-67-7</td>
<td>5-10</td>
</tr>
</tbody>
</table>

## Section III. Hazards Identification

### Potential Acute Health Effects
- This product may irritate eyes and skin upon contact. While ingestion is unlikely it may cause irritation to gastrointestinal tract. May cause nausea, diarrhea, or vomiting.

### Potential Chronic Health Effects
- **Carcinogenic Effects:**
  - Chromium oxide: Classified A4 (Not classifiable for human or animal.) by ACGIH. Classified 3 (Not classifiable for human.) by IARC.
  - Titanium dioxide: Classified A4 (Not classifiable for human or animal.) by ACGIH. Classified 3 (Not classifiable for human.) by IARC. **Mutagenic effects:** Not Available **Teratogenic effects:** Not Available
- Skin: Prolonged exposure may cause dermatitis.
**Section IV. First Aid Measures**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Contact</td>
<td>Flush with a continuous flow of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.</td>
</tr>
<tr>
<td>Hazardous Skin Contact</td>
<td>No additional information.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>Allow the victim to rest in a well ventilated area.</td>
</tr>
<tr>
<td>Hazardous Inhalation</td>
<td>Evacuate the victim to a safe area as soon as possible. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting (by qualified person only). Lower the head so that the vomit will not reenter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.</td>
</tr>
<tr>
<td>Hazardous Ingestion</td>
<td>No additional information.</td>
</tr>
</tbody>
</table>

**Section V. Fire and Explosion Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Product</td>
<td>Combustible liquid, Class IIIB.</td>
</tr>
<tr>
<td>Auto-Ignition Temperature</td>
<td>Not Available</td>
</tr>
<tr>
<td>Flash Points</td>
<td>240°F (116°C)</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>Not Available</td>
</tr>
<tr>
<td>Products of Combustion</td>
<td>May produce carbon monoxide, carbon dioxide, and irritating or toxic vapors, gases or particulate. If product contains metal compounds, the toxic fumes may contain fumes of that metal. See section II.</td>
</tr>
<tr>
<td>Fire Hazards</td>
<td>No specific information is available in our database.</td>
</tr>
<tr>
<td>Explosion Hazards</td>
<td>No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.</td>
</tr>
<tr>
<td>Fire Fighting Media and Instructions</td>
<td>SMALL FIRE: Use carbon dioxide, foam, dry chemical or water fog to extinguish. LARGE FIRE: Evacuate surrounding areas. Use carbon dioxide, foam, dry chemical or water fog to extinguish. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Cool containing vessels with water spray in order to prevent pressure build-up, autoignition or explosion. Prevent run off to sewers or other water ways.</td>
</tr>
</tbody>
</table>

**Section VI. Accidental Release Measures**

<table>
<thead>
<tr>
<th>Spill Size</th>
<th>Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small Spill</td>
<td>Absorb with an inert material and place in an appropriate waste disposal container.</td>
</tr>
<tr>
<td>Large Spill</td>
<td>Stop leak if without risk. Eliminate all sources of ignition. Contain with an inert material, recover as much as possible and place the remainder in an appropriate waste disposal container. Warn unauthorized personnel to move away. Prevent entry into sewers or confined areas.</td>
</tr>
</tbody>
</table>

Effective Date: 02/13/2002. Supersedes Date: 02/13/2002.
Section VII. Handling and Storage

Precautions

CAUTION! Use only in well-ventilated areas. Avoid inhalation and contact with eyes, skin, and clothing. Wear appropriate personal protective equipment for your task. Prevent prolonged or repeated skin contact. If product contains metal compounds (section II), avoid dust from dried product or grinding of articles made from this material.

Storage

Keep container dry. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

Section VIII. Exposure Controls/Personal Protection

Exposure Limits

1) Copper, [29H,31H-phthalocyaninato (2-)-N29,N39,N31,N32]-, (SP-4-1)-

2) Chromium oxide

OSHA (United States).
TWA: 0.5 mg/m³
ACGIH (United States).
TWA: 0.5 mg/m³

3) Titanium dioxide

OSHA (United States).
TWA: 15 mg/m³
ACGIH (United States). Notes: Total
TWA: 10 mg/m³

Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Provide adequate safety showers and eyewashes in the area of use.

Personal Protection

Personal Protective Equipment: PPE may vary depending on the job being performed. Eye/face: Wear eye protection such as safety glasses with side shields, splash goggles or face shield with safety glasses. Skin: Avoid skin contact. Impervious gloves should be worn. Other items may include long sleeves, lab coats, or impervious jackets. Respiratory: Determine if airborne concentrations are below the recommended exposure limits in accordance with OSHA program and regulatory requirements. If they are not, select a NIOSH-approved respirator that provides adequate protection from the concentration levels encountered. Air-purifying respirators are generally adequate for organic vapors. Use positive pressure, supplied-air respirators if there is potential for an uncontrolled release, if exposure levels are unknown, or under circumstances where air-purifying respirators may not provide adequate protection. Reference OSHA 29 CFR 1910.134

Personal Protection in Case of a Large Spill

Chemical resistant gloves, full protective suit, and boots. Respiratory protection in accordance with OSHA regulation 29 CFR 1910.134. A self-contained breathing apparatus should be used to avoid inhalation of the product vapors.

Section IX. Physical and Chemical Properties

Physical State and Appearance
Paste/Dispersion.

Odor
Mild.

Color
Federal Blue.

Molecular Weight (g/mol)
Not applicable.

pH (1% soln/water)
Not applicable.

Boiling Point
>400°F (204°C)

Melting Point
Not applicable.

Specific Gravity
1.0 to 2.1

Vapor Pressure
Not Established.

Vapor Density
Not Established.

Odor Threshold
Not Established.

Evaporation rate
Not Established.

Water/Oil Dist. Coeff.
Not Available

Dispersion Properties
Not dispersed in water.

Solubility
Partially soluble in acetone, styrene, and toluene.

Effective Date: 02/13/2002.

Supersedes Date: 02/13/2002
**Section X. Stability and Reactivity Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>The product is stable.</td>
</tr>
<tr>
<td>Instability Temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Conditions of Instability</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Incompatibility with various substances</td>
<td>No specific information is available in our database.</td>
</tr>
<tr>
<td>Corrosivity</td>
<td>No specific information is available in our database.</td>
</tr>
</tbody>
</table>

**Section XI. Toxicological Information**

<table>
<thead>
<tr>
<th>Routes of Entry</th>
<th>Skin Contact</th>
<th>Eye contact</th>
<th>Ingestion</th>
</tr>
</thead>
</table>

Toxicity to Animals

1. Copper, [29H,31H-phthalocyaninato (2-)N29,N39,N31,N32]-(SP-4-1)-
2. Chromium oxide
3. Titanium dioxide

Special Remarks on Toxicity to Animals

No additional remark.

Special Remarks on Chronic Effects on Humans

No additional remark.

Special Remarks on Other Toxic Effects on Humans

**Chromium III Oxide:**
Chromium III Oxide has both acute and chronic health effects. Inhalation can cause irritation of the upper respiratory tract. Exposure can result in eye and skin irritation. Ingestion may be harmful and can cause gastrointestinal irritation. Chronic effects may include blood and liver damage. Contains trivalent chromium compound. Repeated and prolonged exposures to trivalent chromium compounds may cause delayed effects involving the respiratory system.

**Section XII. Ecological Information**

Ecotoxicity

Not Available

**Section XIII. Disposal Considerations**

Waste Disposal

Recycle, if possible. Toxic characteristic metals may be present (see Section II).

**Section XIV. Transport Information**

Proper Shipping Name (DOT)

Not Regulated.

DOT (Labels)

Not available.

Proper Shipping Name (TDG)

Not Regulated.

**Effective Date:** 02/13/2002  
**Supersedes Date:** 02/13/2002
Section XV. Other Regulatory Information

This section does not reference all applicable regulatory compliance lists.


For the following states; Hazardous and Extraordinarily Hazardous Substances on the Material Substance List (MSL), which exceed the state's criterion level, must be identified when present in products.

Florida RTK: None.
Massachusetts: Chromium oxide, Titanium dioxide.

Minnesota right-to-know, substance list (MSL) hazardous substances and extraordinarily hazardous substances on the MSL must be identified when present in products.
Components present in this product at a level which could require reporting under the statute:: Titanium dioxide.

New Jersey right-to-know, substance list (MSL) hazardous substances and extraordinarily hazardous substances on the MSL must be identified when present in products.
Components present in this product at a level which could require reporting under the statute:: Copper, [29H,31H-phthalocyaninato (2-)-N29,N39,N31,N32]-, (SP-4-1)-, Chromium oxide, Titanium dioxide.

Pennsylvania: Copper, [29H,31H-phthalocyaninato (2-)N29,N39,N31,N32]-, (SP-4-1)-, Titanium dioxide.

SARA 302 component(s): None.
SARA 313 component(s): Copper, [29H,31H-phthalocyaninato (2-)N29,N39,N31,N32]-, (SP-4-1)-, Chromium oxide.
CERCLA RQ(s): None.

Proposition 65 Warning: This product contains a chemical(s) known to the State of California to cause cancer, birth defects and/or reproductive harm.

Other Classifications

WHMIS (Canada) WHMIS CLASS D-2B: Material causing other toxic effects (TOXIC).

Section XVI. Other Information

References
- Transportation of Dangerous Goods Act - "Regulations respecting the handling, offering for transport and transporting of dangerous goods." Extract from the Canada Gazette Part II
- Canada Gazette Part II, Hazardous Products Act "Ingredient Disclosure List".
- Manufacturer's Material Safety Data Sheet.
- 29 CFR 1910.1000, Z - Tables
- ACGIH 2000 TLVs for Chemical Substances and Physical Agents
- Registry of Toxic Effects of Chemical Substances (RTECS)
- California Code of Regulation Proposition 65

Prepared by: Corporate Regulatory Affairs.
Preparation Date: 02/13/2002.

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Effective Date: 02/13/2002.
Supersedes Date: 02/13/2002 Page: 5
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