






Material Safety Data Sheet

MSDS No. 7254V2

<p>WHMIS (Canada)</p>  <p>Not controlled under WHMIS (Canada).</p>	<p>NEPA (USA)</p> <p>Fire</p>  <p>Health Reactivity</p> <p>Specific hazard</p>	<p>HMIS (USA)</p> <table border="1"> <tr><td>Health hazard</td><td>1</td></tr> <tr><td>Fire hazard</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal protection</td><td>X</td></tr> </table>	Health hazard	1	Fire hazard	1	Reactivity	0	Personal protection	X	<p>Protective Clothing</p> 
Health hazard	1										
Fire hazard	1										
Reactivity	0										
Personal protection	X										

Section I. Chemical Product and Company Identification

Trade name	CT-10777	Product type	Color Paste
CAS #	Mixture.	Synonym	None.
Chemical name	Not applicable.	Chemical formula	Not applicable.
Chemical family	Coloring material.		
Material uses	Used in the manufacture of thermoset plastic parts.		
TSCA	All ingredients are listed or compliant with TSCA.		
DSL	All ingredients are listed or compliant with the NSNR.		
<u>Manufacturer</u>	<u>In case of emergency</u>		
AOC, LLC 950 Highway 57 East Collierville, TN U.S.A. 38017 Phone Number: (901) 854-2800 8am-5pm (CST) Mon-Fri	CHEMTREC (US): 24 hours/7 days (800) 424-9300 CANUTEC (Canada): 24 hours/7 days (613) 996-6666		

Section II. Information on Hazardous Ingredients

Name	CAS #	% by weight
1) Titanium Dioxide	13463-67-7	60 - 100
2) Silica Gel, Precipitated, Crystal Free	112926-00-8	1 - 5

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	<p>CARCINOGENIC EFFECTS: <u>Titanium Dioxide:</u> Classified A4 (not classifiable for human or animal) by ACGIH. Classified 3 (not classifiable for human) by IARC. <u>Silica Gel, Precipitated, Crystal Free:</u> Classified 3 (not classifiable for human) by IARC.</p> <p>MUTAGENIC EFFECTS Not available.</p> <p>TERATOGENIC EFFECTS Not available.</p>

Skin effects:
Prolonged exposure may cause dermatitis.

Section IV. First Aid Measures

Eye Contact	Flush with a continuous flow of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Use of buffered baby shampoo will aid in removal. Seek medical attention.
Skin Contact	Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Hazardous Skin Contact	No additional information.
Inhalation	Allow the victim to rest in a well ventilated area.
Hazardous Inhalation	Evacuate the victim to a safe area as soon as possible. If breathing is difficult, give oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Ingestion	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.
Hazardous Ingestion	No additional information.

Section V. Fire and Explosion Data

The Product is:	Combustible liquid, Class IIIB.
Auto-ignition Temperature	Not available.
Flash Point	240°F (116°C)
Flammable limits	Not available.
Products of combustion	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.
Fire hazard	No specific information is available in our database.
Explosion hazard	No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire fighting media and instructions	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.

Section VI. Accidental Release Measures

Small Spill	Absorb with an inert material and place in an appropriate waste disposal container.
Large Spill	Stop leak if without risk. Eliminate all ignition sources. 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.

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. Containers should be grounded. 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) Titanium Dioxide OSHA PEL (United States). TWA: 15 mg/m ³ ACGIH TLV (United States). Notes: Total TWA: 10 mg/m ³
	2) Silica Gel, Precipitated, Crystal Free OSHA PEL (United States). TWA: 6 mg/m ³ ACGIH TLV (United States). TWA: 10 mg/m ³
Engineering controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Provide adequate safety showers and eyewashes in the area of use.
Personal protection	Personal protective equipment 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 your company's PPE 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	Paste/Dispersion.	Odor	Mild.
Color	White.	pH (1% soln/water)	Not applicable.
Molecular Weight (g/mol)	Not available.	Boiling point	5400°F (204°C)
Melting point	Not available.	Specific gravity	1.0 to 2.1
Vapor pressure	Not established	Vapor density	Not established.

Effective Date: 10/17/2003

Supersedes Date: 10/08/2001

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