

# Material Safety Data Sheet

## Section 1. Product Identification and Use

Product Name - Trade Name **194-439 CHEMCOLOR TINTER BURNT UMBER**

Supplier - Manufacturer **Chemcraft International Inc.,**  
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Telephone (905) 885-6388 Fax (905) 885-5097

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### For Transport Emergency or After Hours

CANUTEC (613) 996-6666

Code 194-439

Synonym CHEMCOLOR TINTER BURNT UMBER

Chemical Name Not applicable.

Chemical Family Polymer in liquid. (Polymer.)

Chemical Formula Not applicable.

Material Uses Coatings: Surface coatings and finishes.

Product Identification Number (PIN) 1263PAINT

## Section 2. Hazardous Ingredients

### Exposure limits

| Name                                      | CAS #      | % by Weight | LC <sub>50</sub> /LD <sub>50</sub>    | TLV/PEL |
|---|------------|-------------|---------------------------------------|---------|
| Propylene glycol monomethyl ether acetate | 108-65-6   | 30 - 50     | ORAL (LD50): Acute: 8532 mg/kg [Rat]. |         |
| 2-Methoxy-1-propanol acetate              | 70657-70-4 | 1 - 5       | Not available.                        |         |
| Silica quartz                             | 14808-60-7 | 0.1 - 1     | Not available.                        |         |

**ACGIH (United States).  
Notes: Respirable  
TWA: 0.1 mg/m<sup>3</sup>**

Trace impurities and additional material names not listed above may appear in other sections of this MSDS. These materials may be listed for toxicological concerns, local compliance, or other reasons.

## Section 3. Physical Data

Physical State and Appearance Liquid.

Color Not available. Odor Not available. Taste Not available.

Molecular Weight Not applicable.

pH (1% soln/water) Not applicable.

Boiling Point The lowest known value is 146°C (294.8°F) (2-Propanol, 1-methoxy, acetate). Weighted average: 146°C (294.8°F)

Melting Point Not available.

Critical Temperature Not available.

Specific Gravity Weighted average: 1.01 (Water = 1)

Vapor Pressure The highest known value is 0.3 kPa (2.4 mm Hg) (at 20°C) (2-Propanol, 1-methoxy, acetate). Weighted average: 0.3 kPa (2.25 mm Hg) (at 20°C)

Vapor Density The highest known value is 4.6 (Air = 1) (2-Propanol, 1-methoxy, acetate). Weighted average: 4.6 (Air = 1)

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| <b>Volatility</b>             | Not available.           |
| <b>Odor Threshold</b>         | Not available.           |
| <b>Water/Oil Dist. Coeff.</b> | Not available.           |
| <b>Ionicity (in Water)</b>    | Not available.           |
| <b>Dispersion Properties</b>  | Not available.           |
| <b>Solubility</b>             | Insoluble in cold water. |

**Section 4. Fire and Explosion Hazard**

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| <b>The Product is:</b>                                     | Flammable.  |
| <b>Fire Hazards in Presence of Various Substances</b>      | Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.  |
| <b>Fire Fighting Media and Instructions</b>                | SMALL FIRE: Use dry chemical powder.<br>LARGE FIRE: Use water spray or fog. Never direct a water jet into the container in order to prevent any splashing of the product, which could cause the fire to spread. Cool containers with water jet in order to prevent pressure build-up, auto-ignition or explosion. |
| <b>Special Remarks on Fire Hazards</b>                     | Not available.  |
| <b>Flash Points</b>  | The lowest known value is Closed cup: 47.2°C (117°F). (Pensky-Martens.). Open cup: 51.1°C (124°F). (Cleveland.). (2-Propanol, 1-methoxy, acetate)   |
| <b>Flammable Limits</b>                                    | The greatest known range is Lower: 1.3% Upper: 13.1% (2-Propanol, 1-methoxy, acetate)   |
| <b>Auto-Ignition Temperature</b>                           | Not available.  |
| <b>Products of Combustion</b>                              | These products are carbon oxides (CO, CO <sub>2</sub> ). Some metallic oxides.  |
| <b>Explosion Hazards in Presence of Various Substances</b> | Highly explosive in the presence of the following materials or conditions: open flames, sparks and static discharge.  |
| <b>Special Remarks on Explosion Hazards</b>                | Not available.  |

**Section 5. Reactivity Data**

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| <b>Stability</b>                               | The product is stable.   |
| <b>Decomposition products</b>                  | Not available.   |
| <b>Conditions of Instability</b>               | Not available.   |
| <b>Incompatibility with various substances</b> | Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.<br>Non-reactive or compatible with the following materials: reducing materials, combustible materials, metals and moisture. |
| <b>Corrosivity</b>                             | Not available.   |
| <b>Special Remarks on Reactivity</b>           | Not available.   |
| <b>Special Remarks on Corrosivity</b>          | Not available.   |

**Section 6. Toxicological Properties**

|                                  |   |
|----------------------------------|---|
| <b>Routes of Entry</b>           | Inhalation. Ingestion.  |
| <b>Toxicity to Animals</b>       | Acute oral toxicity (LD50): 8532 mg/kg [Rat]. (2-Propanol, 1-methoxy, acetate). |
| <b>Effects of Acute Exposure</b> | Hazardous in case of ingestion, of inhalation.                                  |

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| <b>Chronic Effects on Humans</b>                        | <p><b>CARCINOGENIC EFFECTS:</b> Classified 1 (Proven for humans.) by IARC, + (Proven.) by OSHA, + (Proven.) by NIOSH [Quartz (SiO<sub>2</sub>)].</p> <p><b>MUTAGENIC EFFECTS:</b> Not available.</p> <p><b>TERATOGENIC EFFECTS:</b> Not available.</p> <p><b>DEVELOPMENTAL TOXICITY:</b> Not available.</p> <p>The substance is toxic to lungs.</p> <p>Repeated or prolonged exposure to the substance can produce target organs damage.</p> |
| <b>Special Remarks on Toxicity to Animals</b>           | In laboratory inhalation studies, birth defects, increased foetal lethality and delayed foetal development have been observed in offspring of female animals, exposed during pregnancy, with a threshold response level in the range of 545 ppm concentration in the air. (1-Propanol, 2-methoxy-, acetate)  |
| <b>Special Remarks on Chronic Effects on Humans</b>     | Embryotoxic and/or foetotoxic in animal. (1-Propanol, 2-methoxy-, acetate)   |
| <b>Special Remarks on Other Toxic Effects on Humans</b> | Crystalline silica has been shown to cause silicosis and lung cancer. Crystalline silica only causes these conditions when inhaled. (Quartz (SiO <sub>2</sub> ))   |
| <b>Exposure Limits</b>                                  | Not available.   |

**Section 7. Preventive Measures**

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| <b>Personal Protection</b>                          | Safety glasses. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Impervious gloves.  |
| <b>Personal Protection in Case of a Large Spill</b> | Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Self-contained breathing apparatus (SCBA) should be used to avoid inhalation of the product. Suggested protective clothing might not be adequate. Consult a specialist before handling this product.   |
| <b>Engineering Controls</b>                         | Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location.  |
| <b>Small Spill</b>                                  | Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container.  |
| <b>Large Spill</b>                                  | Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with dry earth, sand or other non-combustible material. Do not allow water to enter container. Do not touch spilled material. Prevent entry into sewers, basements or confined areas. Dike if necessary. Call for assistance on disposal.   |
| <b>Waste Disposal</b>                               | Waste must be disposed of in accordance with federal, state and local environmental control regulations.   |
| <b>Precautions</b>                                  | Keep locked up. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents, acids, alkalis. |
| <b>Storage</b>                                      | Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).  |
| <b>TDG Classification</b>                           | 3  |
| <b>PIN</b>  | 1263PAINT <b>PG: II</b>  |
| <b>Special Provisions for Transport</b>             | -  |
| <b>Federal and State Regulations</b>                | <p><b>WARNING:</b> This product contains chemical/chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.: Quartz (SiO<sub>2</sub>)</p> <p><b>WARNING:</b> This product contains chemical/chemicals known to the state of California to cause cancer.: Quartz (SiO<sub>2</sub>)</p> <p>SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Quartz (SiO<sub>2</sub>): Delayed (chronic) health hazard</p>  |
| <b>Other Regulations</b>                            | OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).   |

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| Other Classifications                                | WHMIS<br>(Canada)      | Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).<br>Class D-2A: Material causing other toxic effects (Very toxic).<br>Class D-2B: Material causing other toxic effects (Toxic). |
|  | HCS (U.S.A.)           | Contains material which may cause cancer<br>Target organ effects<br>Combustible liquid   |
| Hazardous Material<br>Information System<br>(U.S.A.) | Health Hazard          | * 0  |
|  | Fire Hazard            | 2  |
|  | Reactivity             | 0  |
|  | Personal<br>Protection | G  |
| National Fire Protection<br>Association (U.S.A.)     | Health                 | 0  |
|  | Fire Hazard            | 2  |
|  | Reactivity             | 0  |
|  | Specific Hazard        |  |

**Section 8. First Aid Measures**

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| <b>Eye Contact</b>            | Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.   |
| <b>Skin Contact</b>           | In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention.   |
| <b>Hazardous Skin Contact</b> | Not available.   |
| <b>Inhalation</b>             | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.   |
| <b>Hazardous Inhalation</b>   | Move the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.  |
| <b>Ingestion</b>              | Do not induce vomiting. Examine the lips and mouth to ascertain if the tissues are damaged, a possible indication that toxic material was ingested. The absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention. |
| <b>Hazardous Ingestion</b>    | Not available.   |

**Section 9. Preparation Information**

|                                     |   |
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| <b>References</b>                   | -Manufacturers Material Safety Data Sheets.   |
| <b>Other Special Considerations</b> | Not available.  |
| <b>Related Information</b>          | This product has been classified in accordance with the hazard criteria of the CPR, and the MSDS contains all the information required by CPR.  |
| <b>Preparation Information</b>      | <b>Validated by K. William on 1/25/2006.</b><br><b>Verified by K. William.</b><br><b>Printed 8/19/2006.</b>   |
| <b>Information Contact</b>          | Prepared by the Health, Safety and Environment Department,<br>Chemcraft International Inc., P.O. Box 458, 155, Rose Glen Road North, Port Hope, ON. Canada.<br>Phone: 905 885-6388<br>Fax: 905 885-5097 |

**Notice to Reader****Continued on Next Page**

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