

# MATERIAL SAFETY DATA SHEET

## Section 1

### Product Identification

Product Name: Cilgen™ Brilliance Liquid Color Orange 1 Date Prepared: 5/12/2008

Part Number: Orange 1

Formula:

Manufacturer / Supplier:

Techline Coatings, Inc  
26844 ADAMS AVE.  
MURRIETA, CA 92562  
USA  
Phone 951-304-0834  
Fax 951-461-9658  
www.techlinecoatings.com

Chemical Family:

Emergency Phone:

Chemtrec  
1-800-424-9300  
1-703-527-3887

## Section 2

### Composition / Data On Components

Component	CAS#	% of Weight	OSHA PEL	ACGIH TLV	Sara 313
Acetone	67-64-1	> 75%	1000 PPM	500 PPM	
C.I. Solvent Orange 62	52256-37-8	< 8 %			Yes
C.I. Solvent Yellow 21	5601-29-6	< 8 %			Yes

Trade Secret

## Section 3

### Hazards Identification

HMIS: H 2 F 3 R 0

Appearance and Odor:

Colored Liquid, Solvent smell

Hazard Description:

Harmful or fatal if swallowed or inhaled. Contains Acetone

## Section 4

### First Aid Measures

After EYE Contact:

- Immediately irrigate with plenty of water for 15 minutes. Obtain medical attention if irritation persists.

After SKIN Contact:

- Remove contaminated clothing without delay. Flush skin thoroughly with water. Do not reuse clothing without laundering.

After INHALATION:

- Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately if necessary.

After SWALLOWING:

- Call a physician immediately, ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

## Section 5

### Fire Fighting Measures

Flash Point: -20° C

Flammable Limits LEL-: 2.5

Flammable Limits UEL-: 12.8

Stability: See Section 10

Method:

**Extinguishing Media:**

Dry chemical, alcohol foam or carbon dioxide. Water may be ineffective. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

**Special Fire Fighting Procedures:**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

**Unusual Fire And Explosion Hazards:**

Extremely Flammable Liquid and Vapor! Vapor may cause flash fire. Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Contact with strong oxidizers may cause fire. Sealed containers may rupture when heated. This material may produce a floating fire hazard. Sensitive to static discharge.

**Section 6****Accidental Release Measures**

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

J. T. Baker SOLUSORB(tm) solvent adsorbent is recommended for spills of this product.

**Additional Information:**

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

**Section 7****Handling and Storage**

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Wash thoroughly after handling

Keep out of reach of children and animals. Do not reuse container.

**Section 8****Exposure Controls and Personal Protection**Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded, a half-face organic vapor respirator may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece organic vapor respirator may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

**Section 9****Physical And Chemical Properties****Boiling Point:****56.5C**

**Melting Point:** -95C  
**Solubility in Water:** Miscible  
**Reactivity in Water:** N/E

## **SECTION 10**

### **STABILITY AND REACTIVITY**

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**Stability:** Stable under ordinary conditions of use and storage.  
**Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide may form when heated to decomposition.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibilities:** Concentrated nitric and sulfuric acid mixtures, oxidizing materials, chloroform, alkalis, chlorine compounds, acids, potassium t-butoxide.  
**Conditions to Avoid:** Heat, flames, ignition sources and incompatibles.

## **Section 11**

### **Toxicological Information**

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**Effects on Eyes:** N/E  
**Effects on Skin:** N/E  
**Effects from Inhalation:** N/E  
**Effects from Swallowing:** N/E

## **Section 12**

### **Ecological Information**

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**General Comments:** Do not allow material to be released into the environment without proper governmental permits

## **Section 13**

### **Disposal Considerations**

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**Waste Disposal Method:** Disposal should be made in accordance with federal, state and local regulations. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## **Section 14**

### **Transportation Information**

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**Hazardous for Shipping:** Yes  
UN1263, Paint, 3, PGII  
May be classified as ORM-D in consumer packaging

## **Section 15**

### **Regulations**

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**Product Related Hazard Information:** N/E  
**Hazard Symbols:** N/E  
**Risk Phrases:** N/E  
**Safety Phrases:** N/E  
**National Regulations:** SARA Title III 313 Reportable C.I. Solvent Orange 62 and C.I. Solvent Yellow 21 are reportable as a Chromium Compounds  
**Information about Limitation or Use:** N/E  
**Other Regulations, Limitations, and Prohibitive Regulations:** N/E

## **Section 16**

### **Other Information**

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