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 SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION  
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## CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : UCD-1106SF  
 PRODUCT DESCRIPTION : TITANIUM DIOXIDE  
 TRADE NAME : UCD(TM) Colorant  
 FORMULA ID : UCD-1106SF  
 FORMULA VERSION NUMBER : 41  
 PRINT DATE : 03/05/2014  
 MANUFACTURER IDENTIFICATION:  
 NAME : CHROMAFLO TECHNOLOGIES CORP  
 ADDRESS : 2600 MICHIGAN AVENUE  
           ASHTABULA OH 44004  
  
 TELEPHONE : 440-997-5137  
 EMERGENCY CONTACT : Chemtrec  
 EMERGENCY TELEPHONE : (800) 424-9300  
                           (703) 527-3887 (outside the U.S.)  
  
 HMIS INFORMATION:  
 Health - 1\*           Flammability - 0           Reactivity - 0

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 SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS  
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1  
 CAS# 21645-51-2  
 Aluminum Hydroxide  
 PCT BY WT: 1-5%  
 EXPOSURE LIMIT:  
   ACGIH TLV                   10 mg/m3

2  
 CAS# 112926-00-8  
 Hydrated, Amorphous Silica  
 PCT BY WT: 1-5%

3  
 CAS# 13463-67-7  
 Titanium Dioxide  
 PCT BY WT: 50-55%  
 EXPOSURE LIMIT:  
   OSHA PEL                   15 mg/m3 total dust  
   ACGIH TLV                   10 mg/m3

4  
 CAS# NA  
 Polyester Resin  
 PCT BY WT: 35-40%  
 EXPOSURE LIMIT:

\*\*\*\*\*  
 This product contains one or more reported carcinogens or suspected  
 carcinogens which are noted NTP, IARC, or OSHA-Z in the other limits  
 recommended column.  
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\*\*\*\*\*  
 This product contains pigments which may become a dust nuisance when  
 removed by abrasive blasting, sanding, or grinding.  
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 SECTION 3 - HAZARDS IDENTIFICATION  
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CAUTION! : May cause skin and eye irritation

## POTENTIAL HEALTH EFFECTS:

## ACUTE EFFECTS:

## EYE:

May cause severe irritation, redness, tearing, blurred vision.

## SKIN:

May be mildly irritating. Contact with skin may produce a burning sensation.

## INHALATION:

Exposure is possible under conditions of handling and use [for example during heating, spraying, or stirring]. Harmful effects are not



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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear appropriate safety equipment. Eliminate all ignition sources. Contain and clean up spill immediately. Prevent from entering floor drains. Contain liquids using absorbants. Vacuum or sweep powders carefully to minimize dusting. Shovel all spill materials into disposal drums and follow disposal instructions. Scrub spill area with detergent and flush with copious amounts of water.

Always dispose of in accordance with local, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues [vapor, liquid, and/or solid], all hazard precautions given in the data sheet must be observed.

If used in dry form, use proper grounding techniques when emptying contents from package. Failure to use proper grounding techniques may result in build-up of hazardous electrostatic charges which could cause flash fire or explosion.

Store in a cool, dry place away from excessive heat and moisture.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EYE PROTECTION:

Chemical safety goggles or safety glasses.

RESPIRATORY PROTECTION:

If the OSHA PEL, ACGIH TLV, or any other TLV for any component listed in Section II is exceeded, use NIOSH approved air-purifying respirator.

SKIN PROTECTION:

Permeation resistant gloves [butyl rubber, nitrile rubber, polyvinyl alcohol]. However, please note that PVA degrades in water. Cover as much of the exposed skin area as possible with appropriate clothing. If skin creams are used, keep the area covered by the cream to a minimum.

ENGINEERING CONTROLS:

Use ventilation adequate to maintain safe levels.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance . . . . .	:	PIGMENTED LIQUID	
Odor . . . . .	:	CHARACTERISTIC	
Vapor Pressure . . . . .	:	-N/A	
Specific Gravity . . . . .	:	1.862	
Formula Weight per Volume . . . . .	:		15.4933 LBS/GAL

SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES:

Strong acids, strong alkali (bases), peroxides, and other oxidizers.

Strong acids and oxidizers.

Based on the presence of components (02)

This material will react with hydrofluoric acid and strong alkaline

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solutions.

DECOMPOSITION:

Carbon monoxide, carbon dioxide, various hydrocarbons.

CONDITIONS TO AVOID:

None known.

Can create dust cloud if used in dry form.

Excessive heat, flame and other possible ignition sources.

Exposure to moisture.

Accumulation of static charges.

POLYMERIZATION:

Product will not undergo hazardous polymerization.

STABILITY:

Stable

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Evaluated at this time.

SECTION 12 - TRANSPORT INFORMATION

No Data

SECTION 13 - REGULATORY INFORMATION

DISPOSAL CONSIDERATIONS:

Dispose of unused product, spilled product, and empty containers in accordance with applicable local, state, and federal regulations. Do not discharge into waterways or sewer systems.

OTHER REGULATIONS:

Based on the presence of components (03)

This component is subject to Pennsylvania Right-to-Know disclosure requirements.

Based on the presence of components (03)

This component is subject to New Jersey Right-to-Know disclosure requirements.

TSCA Status:

TSCA (United States) The intentional ingredients of this product are listed.

Based on the presence of components (03)

This component is subject to Minnesota Right-to-Know disclosure requirements.

SARA 313 INFORMATION:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SECTION 14 - OTHER INFORMATION

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(regulatory@chromaflo.com)

MSDS Prepared for . . . . . :

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, and storage and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and is not valid for such material used in combination with any other materials or in any process, unless specified in the text. This information is supplied upon the condition that the user will make the appropriate determination as to its suitability for their purposes prior to use.