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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
UCD-1625SF
                                                     LAMPBLACK
  UCD(TM) Co
UCD-1625SF
19
                                                              Colorant
                 . . . . . .
                                                     03/05/2014
  PRINT DATE
MANUFACTURER IDENTIFICATION:
                                                     CHROMAFLO TECHNOLOGIES CORP 2600 MICHIGAN AVENUE ASHTABULA OH 44
  NAME
  OH 44004
  TELEPHONE CONTACT . EMERGENCY TELEPHONE
                                                     440-997-5137
                                                     Themtrec (800) 424-9300 (703) 527-3887 (outside the U.S.)
  HMIS INFORMATION:
  Health - 1*
                      Flammability - 0
                                                    Reactivity - 0
              SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS
 CĀS# 1333-86-4
Carbon Black
PCT BY WT: 10-15%
EXPOSURE LIMIT:
   OSHA PEL
                               3.5 \text{ mg/m}
CAS# NA
Polyester Resin
PCT BY WT: 85-90%
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.
This product contains pigments which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.
                          SECTION 3 - HAZARDS IDENTIFICATION
      This product contains carbon black, a substance identified by the International Agency for Research on Cancer (IARC), as a Classification 2b (possibly carcinogenic to humans).
      CAUTION! : May cause skin and eye irritation
POTENTIAL HEALTH EFFECTS:
ACUTE EFFECTS:
      May cause severe irritation, redness, tearing, blurred vision.
      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 expected from short-term inhalation.
  INGESTION:
      May cause gastrointestinal irritation, which could include nausea, vomiting, diarrhea.
CHRONIC EFFECTS:
  EYE:
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CHROMAFLO TECHNOLOGIES CORP MATERIAL SAFETY DATA SHEET

UCD-1625SF

No harmful effects by chronic exposure reported.

No harmful effects by chronic exposure reported.

INHALATION:

No harmful effects by chronic exposure reported.

No harmful effects by chronic exposure reported.

MEDICAL CONDITIONS AGGRAVATED

CARCINOGENICITY:

Based on the International Agency for Research on Cancer (IARC) conclusion that there is sufficient evidence in experimental animals for the carcinogenicity of carbon black dust and inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that carbon black dust is possibly carcinogenic to humans (Group B). Consult IARC's Monograph Volume 65. The results of the working group were based on studies involving the inhalation of carbon black and other insoluble fine dust particles. Other routes of entry were not reviewed as part of this study. This dispersion contains carbon black in a "wet out" form and does not pose an inhalation hazard. Good hygiene practices should be followed to minimize exposures to any respirable dusts. The study findings produced results consistent with the massive accumulation of fine dust particles in the lung which overwhelm the natural lung clearance mechanisms, known as the "lung overload" phenomenon, rather than from a specific chemical effect of the dust particle in the lung. Carbon Black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with a PAH level greater than 0.1% be considered suspect carcinogens.

SECTION 4 - FIRST AID MEASURES

NOTE TO PHYSICIAN:

Flush eyes immediately with large amounts of water for at least 15 minutes. Flush under both upper and lower lids. Seek medical aid. Wash from skin with soap and water. If irritation develops, seek medical aid. Wash contaminated clothing before reuse. If inhaled, remove person to fresh air and aid in breathing if necessary. Seek medical aid. If ingested, seek medical aid.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL: Emits toxic fumes under fire conditions

٥F 450.0 - -N/A

EXTINGUISHING MEDIA:

CO2, foam, dry chemical.

FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:
Firefighters must wear NIOSH-approved self-contained breathing apparatus and full protective equipment.

Water may be used to keep fire-exposed containers cool until fire is out.
Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

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CHROMAFLO TECHNOLOGIES CORP MATERIAL SAFETY DATA SHEET UCD-1625SF
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
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.
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.
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

SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES:
 Strong oxidizers such as chlorates, bromates, and nitrates.

Strong acids and oxidizers.

DECOMPOSITION: Carbon monoxide, carbon dioxide, various hydrocarbons.

PAGE CHROMAFLO TECHNOLOGIES CORP MATERIAL SAFETY DATA SHEET UCD-1625SF CONDITIONS TO AVOID: Excessive heat, flame and other possible ignition sources. 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:

TSCA Status:

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

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

Prepared by Regulatory Affairs (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.