

MATERIAL SAFETY DATA SHEET

Acta-Chrom
AHC Products, Inc.

PRODUCT NAME: (As used on label and list): Acta-Chrom

This Material Safety Data Sheet is being provided to your company, for the purpose of providing current health and safety information to your management and employees who work with this product. Please read the data provided and then provide it to those individuals at your company who have the responsibility to insure compliance with both Federal and State Right to Know regulations, and to those employees that request information on this product.

Federal Regulations: Parts 29 and 42 Code of Federal Regulations

Date Prepared: 01/01/2008

SECTION I – PRODUCT IDENTIFICATION

MANUFACTURER: AHC Products, Inc.

AHC Products, Inc.
301 West Broadway
Winchester, Kentucky
859/737-3441

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENT (Specific Chemical Identity; Common Names):

Calcium Carbonate CAS#1317-65-3, OSHA/15mg/m(3), ACGIH TLV/10mg/m(3)(TWA), 92-96% CaCO(3)

Silica, Crystalline Quartz (respirable) CAS#14808-60-7, OSHA/(10mg/m3)/(%SiO₂ +2), ACGIH TLV/0.05mg/m³(TWA), 1-1.2% SiO₂

SECTION III – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: n/a

VAPOR PRESSURE (MM HG): n/a

VAPOR DENSITY (AIR=1): n/a

SPECIFIC GRAVITY (H₂O=1): 2.8 – 3.0

MELTING POINT: n/a

EVAPORATION RATE (BUTYL ACETATE=1): n/a

SOLUBILITY IN WATER: not soluble

APPEARANCE AND ODOR: Off White, no particular odor

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): not combustible

FLAMMABLE LIMITS:

LEL: n/a

UEL: n/a

EXTINGUISHING MEDIA: Foam, CO₂, dry chemical or water

SPECIAL FIRE FIGHTING PROCEDURES: none known

UNUSUAL FIRE AND EXPLOSION HAZARDS: not combustible

SECTION V – REACTIVITY DATA

STABILITY: Stable under normal conditions of use and storage

CONDITIONS TO AVOID: Contact with acids, heat above 825° C.

INCOMPATIBILITY (MATERIALS TO AVOID): Reacts with acids liberating Carbon Dioxide.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: none known

HAZARDOUS POLYMERIZATION: will not occur.

CONDITIONS TO AVOID:

SECTION VI – HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: May cause irritation of mucous membrane if dust in inhaled over a prolonged period of time. Prolonged exposure to silica dust may result in silicosis, a fibrotic lung disease.

SKIN: no

INGESTION: Ingestion of large amounts may cause abdominal pain and nausea.

HEALTH HAZARDS (ACUTE AND CHRONIC): Can cause irritation to the eye or skin by direct mechanical action.

CARCINOGENICITY:

NTP: Yes (silica)

IARC MONOGRAPHS: Yes (silica)

SIGNS AND SYMPTOMS OF EXPOSURE: Excessive inhalation of dust may cause coughing, sneezing and nasal irritation. Symptoms of silicosis include impaired pulmonary function and wheezing.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: none known.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air and seek medical attention for any breathing difficulty.

SKIN: Wash with soap and water. Seek medical attention if irritation persists.

EYE: Flush eyes immediately with water for at least 15 minutes. Seek medical attention if irritation persists.

INGESTED: no special precautions.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Recover uncontaminated material for use. Vacuum or seep remaining material, keeping dust to a minimum.

WASTE DISPOSAL METHOD: Dispose of unreclaimed material in a RCRA-approved waste facility.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Protect containers from moisture and keep closed when not in use.

OTHER PRECAUTIONS: Observe good personal hygiene. Wash after handling.

SECTION VIII – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): Use NIOSH approved particulate respirator if dust generation occurs or is anticipated. OSHA standard 1910.134 or ANSI Z88.2-1980 specifications are recommended.

VENTILATION: A system of local and/or general exhaust is recommended to keep employee exposures below the airborne exposure limits. Local exhaust is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

PROTECTIVE GLOVES: Yes

EYE PROTECTION: Safety goggles are recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use other protective equipment when necessary to avoid prolonged exposure to skin.

WORK AND/OR HYGIENIC PRACTICES: Observe good personal hygiene. Wash after handling.

Although the information and recommendations set forth herein (hereinafter “information”) are presented in good faith and believed to be correct as of the date prepared. AHC Products, Inc. makes no representations as to the completeness or accuracy thereof. Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will AHC Products, Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon said information presented herein. No representations or

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