

# CHROMOGEN™ INTEGRAL COLOR



Material Safety Data Sheet - 09/2010

## I. PRODUCT IDENTIFICATION

PRODUCT NAME ..... Chromogen™ Integral Color (Excludes 6010 - Green)  
PRODUCT CODES ..... 1010, 1020, 2010, 2020, 3010, 4010, 5010, 5020, 7010, 7020  
CHEMICAL FAMILY ..... Inorganic Metal Oxides  
CHEMICAL NAME ..... Iron (III) Oxide  
SYNONYMS ..... Ferric Oxide  
CAS NUMBER ..... 1309-37-1, 18624-44-7, 1317-61-9  
DOT CLASS ..... Non regulated  
OSHA HAZARD COMMUNICATION STATUS ..... This product is not considered hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.  
CHEMICAL FORMULA ..... Fe<sub>2</sub>O<sub>3</sub>, Fe<sub>3</sub>O<sub>4</sub>, H<sub>2</sub>O

## II. INGREDIENTS

<u>COMPONENTS</u> .....	<u>%</u>	<u>OSHA-PEL</u>	<u>ACGIH-TLV</u>
Iron (III) Oxide (dust) .....	100	None Est.	None Est.

## III. PHYSICAL DATA

APPEARANCE ..... Dry Powder  
COLOR ..... Buff, Tan, Brown, Black, Yellow, Red  
ODOR ..... None  
MELT POINT/FREEZE POINT ..... Not applicable  
BOILING POINT ..... Not applicable  
VAPOR PRESSURE ..... Not applicable  
SPECIFIC GRAVITY ..... 4.2 to 5.5  
BULK DENSITY ..... 45-75lb. Per cubic ft.  
SOLUBILITY IN WATER ..... Insoluble  
% VOLATILE BY VOLUME ..... Nil

## IV. FIRE AND EXPLOSION DATA

FLASH POINT °F (°C) ..... Not applicable  
FLAMMABLE LIMITS  
    Lel ..... Not applicable  
    Uel ..... Not applicable  
EXTINGUISHING MEDIA ..... Not flammable  
SPECIAL FIRE FIGHTING PROCEDURES ..... None  
UNUSUAL FIRE & EXPLOSIVE HAZARDS ..... None

## V. REACTIVITY DATA

STABILITY ..... Stable  
INCOMPATIBILITY ..... None  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS ..... None  
HAZARDOUS POLYMERIZATION ..... Will not polymerize

## VI. HUMAN HEALTH DATA

PRIMARY ROUTE(S) OF EXPOSURE ..... Eye and skin contact, inhalation  
EFFECTS AND SYMPTOMS OF ACUTE OVEREXPOSURE... Nuisance dust  
CHRONIC EXPOSURE ..... No chronic health effects are known from repeated exposure to iron oxide pigments

