

MATERIAL SAFETY DATA SHEET

Issued to : WRS Group
624 Texas Central Parkway

Waco TX 76712

Attention of :

Sales Number :
Sales Description Number One :
Sales Description Number Two :

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : CF-47611
PRODUCT DESCRIPTION : DARK BROWN
TRADE NAME : CHROMAFLO
FORMULA ID : CF-47611
FORMULA VERSION NUMBER : 1
PRINT DATE : 07/28/2003

MANUFACTURER IDENTIFICATION:

NAME : PLASTICOLORS, INC.
ADDRESS : 2600 MICHIGAN AVENUE
ASHTABULA OH 44004

TELEPHONE : 440-997-5137
EMERGENCY CONTACT : Chemtrec
EMERGENCY TELEPHONE : (800) 424-9300

HMIS INFORMATION:

Health - 2 Flammability - 1 Reactivity - 1

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

1
CAS# 1333-86-4
Carbon Black
PCT BY WT: 4.7240
EXPOSURE LIMIT:
OSHA PEL 3.5 mg/m3

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2
CAS# MIXTURE
Polyester Resin
PCT BY WT: 45-50%
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:

EYE:

Exposure can cause eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

SKIN:

Exposure may cause mild skin irritation. Symptoms may include redness and burning.

INHALATION:

Breathing of vapor or mist is possible. Breathing aerosol and/or mist is possible when material is sprayed. Aerosol and mist may present a greater risk of injury because more material may be present in the air than from vapor alone. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. May cause temporary respiratory irritation.

INGESTION:

May cause central nervous system depression.

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CHRONIC EFFECTS:

EYE:

No harmful effects by chronic exposure reported.

INGESTION:

No harmful effects by chronic exposure reported.

INHALATION:

No harmful effects by chronic exposure reported.

SKIN:

No harmful effects by chronic exposure reported.

MEDICAL CONDITIONS AGGRAVATED

May aggravate pre-existing skin disorders.

Previous respiratory impairments.

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.

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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

Flashpoint	: 242.0	°F
Explosion Level	: Low	- -N/A
	High	- -N/A

EXTINGUISHING MEDIA:

CO2, foam, dry chemical.

Water or foam may cause frothing which can be violent and possibly endanger the life of the firefighter. Water may be used to cool fire exposed containers. 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.

FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:

Firefighters must wear NIOSH-approved self-contained breathing apparatus and full protective equipment. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

Do not use water for spill clean-up. Sweep with natural bristle broom. Pick up material with non-sparkling shovel. Place in dry disposal containers.

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 closed properly labeled containers away from heat, open flames and strong oxidizers.

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:

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Use ventilation adequate to maintain safe levels.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance : PIGMENTED PASTE
Odor : SLIGHT TO NONE
Vapor Pressure : -N/A
Specific Gravity : 1.745
Formula Weight per Volume : 14.5217 LBS/GAL

SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES:

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

Strong acids and oxidizers.

It is incompatible with hydrazine, calcium hypochlorite, performic acid, and bromine pentafluoride.

Avoid contact with strong acids, strong alkalies, strong oxidizing agents.

DECOMPOSITION:

Carbon monoxide, carbon dioxide, various hydrocarbons.

CONDITIONS TO AVOID:

Avoid contact with strong acids.

Excessive heat, flame and other possible ignition sources.

Accumulation of static charges.

POLYMERIZATION:

Product can undergo hazardous polymerization.

STABILITY:

Stable

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SECTION 11 - TOXICOLOGICAL INFORMATION

Not Evaluated at this time.

SECTION 12 - TRANSPORT INFORMATION

Not Evaluated at this time.

SECTION 13 - REGULATORY INFORMATION

DISPOSAL CONSIDERATIONS:

In a licensed, permitted facility, incinerate or landfill as a solid after cementation or encapsulation. Do not discharge into waterways or sewer systems. Spilled material, empty containers and unused contents must be disposed of in accordance with applicable local, state, and federal regulations.

OTHER REGULATIONS:

Due to the presence of some component(s) (**)

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

Due to the presence of some component(s) (**)

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.

Due to the presence of some component(s) (**)

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.

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SECTION 14 - OTHER INFORMATION

Prepared by : J. MILLER
Last Revision Date : NONE
MSDS Prepared for : WRS Group
624 Texas Central Parkway

Waco

TX 76712

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