

MATERIAL SAFETY DATA SHEET

Trade Name: DARK BROWN COLOR PIGMENT

Chemical Family: Unsaturated Polyester Resin

Formula: N/A

Manufacturer: VENGAR COLORS &
COATINGS INC
#E – 12355 – 83A Avenue
Surrey, BC V3W 9Y7

Supplier: COAST FIBER-TEK
1306 Boundary Road
Burnaby, BC V5K 4T6
Tel.# (604) 294-8116

Emergency Phone #'s: (604) 501-4872

Transportation EMG. Phone # CANUTEC

(613) 996-6666
(604) 930-0650

HAZARDOUS INGREDIENTS:

Lead Chromate:	CAS # 7758-97-6	5.25%
Ferric Oxide:	CAS # 1309-37-1	39.30%
Lead Sulphate:	CAS # 1317-61-9	0.28%

Exposure Limits:

Lead Chromate: ACGIH TLV / OSHA PEL: 0.05 mg/m³ Cr
Lead Sulphate: ACGIH TLV / OSHA PEL: 0.15 mg/m³ Pb
Ferric Oxide: ACGIH TLV / OSHA PEL: 10 mg/m³ / 15 mg/m³

PHYSICAL DATA:

Appearance & Odour: Dark brown paste, pungent odour.
Vapour Pressure: .08 mmHg at 20EC
Vapour Density: (Air = 1) >1
Solubility in Water: Nil
Specific Gravity: >1
Evaporation Rate: Slower than n-BUTYL ACETATE
Boiling Point: N/A
Freezing Point: N/A
pH: N/A

FIRE & EXPLOSION DATA:

Flashpoint & Method: Not Applicable
Flammable Limits: N/A
Extinguishing Methods: Foam, Carbon Dioxide, Dry chemical, Water fog
Special Equipment & Procedures: Self contained breathing apparatus. Sensitive to static discharge. May be sensitive at high dust concentrations.

REACTIVITY DATA:

Conditions Contributing to Instability: Excessive heat, spark and open flames.
Incompatible Substances: Acids & Bases.
Hazardous Decomposition Products: Oxides of lead and chromium
Hazardous Polymerization: Will not occur.

HEALTH HAZARDS DATA:

NOTE: Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.

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Dark Brown Colour Pigment - Pg 2

PRINCIPAL HEALTH HAZARDS:

Skin Contact: May cause slight skin irritation.

Eye Contact: May cause slight irritation.

Ingestion: May cause nausea, vomiting and diarrhoea. May cause lead or chromium poisoning. Acute may cause choking, vomiting, abdominal pain.

Inhalation: May cause pulmonary problems.

FIRST AID PROCEDURES:

Skin: Wash with soap and water.

Eyes: Flush with plenty of water. If irritation persists seek medical attention.

Ingestion: Seek medical attention.

Inhalation: Remove to fresh air.

PREVENTIVE MEASURES:

Skin: Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.

Eyes: Chemical proof goggles or full face respirator if vapours cause eye irritation.

Ingestion: Wash thoroughly before consuming food stuffs.

Inhalation: Use only in well ventilated areas or use NIOSH approved respiratory protection with organic vapour cartridges.

CONTROL MEASURES & PRECAUTIONS

Keep container tightly closed. Do not consume food, drink or tobacco in work area or material storage areas.

Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials.

Use paper covering absorbent wipes and suitable disposable containers in work area.

SPILL, LEAK & DISPOSAL METHODS

Review fire and explosion hazards and safety precautions before proceeding with clean up. Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

DISPOSAL METHOD

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

SHIPPING INFORMATION

Shipping Name:

Hazard Class: None Regulated

UN/PIN #:

Flashpoint:

WHMIS:

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

Preparation Date: September 1, 2000

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N/A = Not Available