

DATE: APRIL, 2002 MATERIAL SAFETY DATA SHEETS FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I

Manufacturers Name SHEFFIELD BRONZE PAINT CORP Emergency Phone No. Street Address 17814 S.WATERLOO RD. (216)481-8330 City, State,Zip CLEVELAND,OHIO 44119

PRODUCT NUMBER: 10-589 : PRODUCT NAME: VAN DYKE BROWN OIL COLORS PRODUCT CLASS: PIGMENT DISPERSION

SECTION II - HAZARDOUS INGREDIENTS

Table with 6 columns: INGREDIENT, CAS NUMBER, PERCENT, TLV (PPM, MG/M3), VAPOR PRESSURE (LEL, MM/HG). Rows include MALEATED SOYA OIL, MINERAL SPIRITS (MIXTURE), SOYA ALKYD, IRON OXIDE, CALCIUM CARBONATE, and ADDITIVES.

* This product is on the EPA/TSCA inventory @=SARA TITLE 111 Section 313 reporting for Superfund ammendments

SECTION III - PHYSICAL DATA

Boiling Range - 325dgr F-385dgr F Vapor Density - HEAVIER THAN AIR . Evaporation Rate - SLOWER than Ether Vapor density = 4.9 (AIR=1) V.O.C.: 1.13 Lbs./Gal.; 136 Grams/Litre Percent Volatile by Volume: 17.0 Wgt per GALLON: 14.7 POUNDS

SECTION IV - FIRE and EXPLOSION DATA

DOT CATEGORY - COMBUSTIBLE FLASH POINT - 106dgr F.TTC LEL - 1% EXTINGUISHING MEDIA - CO-2, DRY CHEMICAL, FOAM, FOG DO NOT USE DIRECT STREAM OF WATER UNUSUAL FIRE AND EXPLOSION HAZARDS - VAPORS ARE HEAVIER THAN AIR. THEY MAY TRAVEL ALONG GROUND OR ACCUMULATE IN LOW, UNVENTILATED AREAS. PRODUCT WILL FLOAT AND CAN BE REIGNITED ON SURFACE OF WATER. SPECIAL FIRE FIGHTING PROCEDURES - DO NOT ENTER AREA WITHOUT PROTECTIVE EQUIPMENT

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE- 350 mg/M-3: EFFECTS OF OVEREXPOSURE: EYES - CAN CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION SKIN - PROLONGED OR REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, DERMATITIS BREATHING - CAN CAUSE NASAL AND RESPIRATORY IRRITATION, DIZZINESS, FATIGUE, FATIGUE, HEADACHE, UNCONSCIOUSNESS AND EVEN ASPHYXIATION. SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PENUMONITIS WHICH CAN BE FATAL.

PAGE TWO OF TWO: #10-589 VAN DYKE BROWN OIL COLORS
FIRST AID - IF SWALLOWED DO NOT INDUCE VOMITING. CALL PHYSICIAN IMMEDIATELY!
SKIN - Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder clothing before use.

IF IN EYES - Flush with large amounts of water, get medical attention.
IF BREATHED: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet. Get Medical Attention.

SECTION VI - REACTIVITY DATA

HAZARDOUS POLYMERIZATION- WILL NOT OCCUR STABILITY- STABLE
INCOMPATIBILITY (materials to avoid)- ACIDS, PEROXIDES, ALKALIES, HALOGENATED
HYDROCARBONS AND OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS - FUMES, SMOKE AND CARBON MONOXIDE, CARBON
DIOXIDE AND VARIOUS OTHER HYDROCARBONS.
HAZARDOUS POLYMERIZATION - WILL NOT OCCUR.
CONDITIONS TO AVOID - HEAT, SPARKS, OPEN FLAME

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition, ventilate, avoid breathing vapors SEE SECTION X
Remove with INERT ABSORBENT (sand, earth, sawdust etc.) KEEP PETROLEUM
PRODUCTS OUT OF SEWERS

WASTE DISPOSAL METHOD - DESTROY BY LIQUID INCINERATION.
DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, and LOCAL REGULATIONS REGARDING
POLLUTION. IF DISCARDED THIS PRODUCT MAY BECOME AN IGNITABLE, HAZARDOUS WASTE.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION - USE NIOSH APPROVED ORGANIC VAPOR RESPIRATOR OR
A SUPPLIED AIR RESPIRATOR IN CONFINED OR ENCLOSED SPACES IF NEEDED.

:
VENTILATION - USE ONLY WITH ADEQUATE VENTILATION. LOCAL EXHAUST FACE VELOCITY
60 FPM. NO SMOKING OR OPEN LIGHTS. USE EXPLOSION-PROOF EQUIPMENT.

:
PROTECTIVE GLOVES - RECOMMENDED FOR PROLONGED OR REPEATED CONTACT

:
EYE PROTECTION - SAFETY GLASSES WITH UNPERFORATED SIDESHIELDS

:
OTHER PROTECTIVE EQUIPMENT - APRON OR OTHER CLOTHING

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE - HANDLE AS A COMBUSTIBLE.
STORE IN A COOL DRY PLACE. KEEP CONTAINERS UPRIGHT AND CLOSED SECURELY.
RAGS OR PAPER CONTAINING THIS MATERIAL MAY BURN SPONTANEOUSLY. STORE USED RAGS
IN A SEALED METAL CONTAINER UNTIL DISPOSAL.

OTHER PRECAUTIONS- KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. SMOKING SHOULD
BE PROHIBITED WHERE USED.

SECTION X - HAZARDOUS MATERIAL IDENTIFICATION

LISTED IN THIS SECTION IS NPCA-HMIS CLASSIFICATION FOR THIS PRODUCT

Health	:	1	:
Flammability	:	2	:
Reactivity	:	0	:
Personal Protection:		B	:

Information above pertains to this product as currently formulated. Addition of
other additives may alter the Composition and Hazards. WE MAKE NO WARRANTIES,
EXPRESSED OR IMPLIED AND ASSUME NO LIABILITY WITH USE OF THIS INFORMATION.