DATE: MARCH, 2004 MATERIAL SAFETY DATA SHEETS
FOR COATINGS, RESINS AND RELATED MATERIALS

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SECTION I

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Manufacturers Name SHEFFIELD BRONZE PAINT CORP Emergency Phone No.
Street Address 17814 S.WATERLOO RD. (216) 481-8330
City, State, Zip CLEVELAND,OHIO 44119 TRANSPORTATION EMERGENCIES:CHEMTREC
(800) 424-9300 CONTINENTAL U.S.
(202) 483-7616 (COLLECT) FROM
ALASKA & HAWAII

PRODUCT NUMBER: 11-445
PRODUCT NAME: RAW SIENNA - 5 TINTSALL
PRODUCT CLASS: UNIVERSAL TINTING COLOR

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SECTION II - HAZARDOUS INGREDIENTS

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INGREDIENT	CAS NUMBER	PERCENT	TLV PPM	TLV MG/M3	LEL	VAPOR PRESSURE MM/HG
IRON OXIDE	51274-00-1	18.0				
IRON OXIDE	1309-37-1	1.5				
CALCIUM CARBONATE	471-334-1	42.7				
NON-IONIC BIODEGRADABLE SURFACTANT	68987-81-5	17.0				
**DIACETONE ALCOHOL	123-42-2	17.0	50	240	1.8	.95
SILICATE OF ALUMINA	1302-78-9	3.0				
ADDITIVES	LESS THAN	1.0				

*ALL INGREDIENTS ARE LISTED ON THE EPA/TSCA INVENTORY
*SARA TITLE 111 SECTION 313 REPORTING FOR SUPERFUND AMENDMENTS

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SECTION III - PHYSICAL DATA

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Boiling Range: 337dgr F Vapor Density: HEAVIER THAN AIR
Evaporation Rate: SLOWER than Butyl Acetate V.O.C.:2.55#/GALLON; 306 GRAMS/LI
Percent Volatile by VOLUME: 31 Weight per GALLON: 14.3LBS.
Percent Volatile by WEIGHT: 17.8

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SECTION IV - FIRE and EXPLOSION DATA

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DOT CATEGORY: COMBUSTIBLE FLASH POINT (SETA) - 138 Degrees F.
EXTINGUISHING MEDIA: CO-2, DRY CHEMICAL, FOAM, FOG
UNUSUAL FIRE AND EXPLOSION HAZARDS: HANDLE AS A COMBUSTIBLE LIQUID
SPECIAL FIRE FIGHTING PROCEDURES: NONE

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SECTION V - HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: 50ppm OR 240MG/M3 TWA (8 hr. Workday)
EFFECTS OF OVEREXPOSURE: BREATHING VAPOR IS IRRITATING TO EYES, NOSE AND THROAT. CONTACT WITH EYES AND SKIN CAN CAUSE DRYNESS & IRRITATION
EMERGENCY AND FIRST AID PROCEDURES: Flush eyes immediately with large amounts of water. Wash skin areas with water. Remove to fresh air. IF INGESTED: If patient is conscious can swallow, give two glasses of water (16 oz.), induce vomiting as directed by medical personnel. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
Get medical attention immediately.

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SECTION VI - REACTIVITY DATA

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STABILITY: STABLE

CONDITIONS AND MATERIALS TO AVOID: HIGH HEAT, FLAME, STRONG OXIDIZING AGENTS, NITRIC ACID AND STRONG BASES.

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE AND/OR CARBON DIOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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SECTION VII - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition, ventilate, avoid breathing vapors.

Remove with INERT ABSORBENT(sand, earth, sawdust etc.) WEAR SUITABLE PROTECTIVE EQUIPMENT.

WASTE DISPOSAL METHOD:

DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, and LOCAL REGULATIONS. AT VERY LOW CONCENTRATIONS IN WATER, THIS PRODUCT IS BIODEGRADABLE IN A BIOLOGICAL WASTE WATER TREATMENT PLANT.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

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RESPIRATORY PROTECTION: NIOSH APPROVED AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS. IN AREAS OF HIGH VAPOR CONCENTRATION, USE AN ATMOSPHERE SUPPLYING BREATHING APPARATUS.

VENTILATION: MECHANICAL VENTILATION EQUAL TO OUTDOORS

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION: SAFETY GLASSES WITH UNPERFORATED SIDESHIELDS

OTHER PROTECTIVE EQUIPMENT: SAFETY SHOWERS, CHEMICAL RESISTANT CLOTHING

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SECTION IX - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: HANDLE AS A COMBUSTIBLE LIQUID. STORE IN A COOL DRY PLACE. USE ADEQUATE VENTILATION EQUIVALENT TO THE OUTDOORS

OTHER PRECAUTIONS: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME. SMOKING SHOULD BE PROHIBITED WHERE USED. KEEP OUT OF REACH OF CHILDREN.

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SECTION X - HAZARDOUS MATERIAL IDENTIFICATION

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

Health	:	3
Flammability	:	2
Reactivity	:	0
Personal Protection	:	B

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