

DATE: JULY, 1998

MATERIAL SAFETY DATA SHEETS
FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I

Manufacturers Name SHEFFIELD BRONZE PAINT CORP Emergency Phone No.
P.O. Box Box 19206 (216)481-8330
Street Address 17814 S. WATERLOO RD.
City, State, Zip CLEVELAND, OHIO 44119

PRODUCT NUMBER: 1-319

PRODUCT NAME: RED HOT ALUMINUM PAINT

PRODUCT CLASS: HIGH HEAT INTERIOR ALUMINUM PAINT

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	* CAS NUMBER*		PERCENT*	TLV		VAPOR PRESSURE	
	*	*		* PPM	MG/M3*	LEL *	MM/HG
: *AROMATIC 100	: 64742-95-6	:	: 5.4	: 100	:	: 1.0	: 4.8 @ 100 DEG. F
: @ALUMINUM	: 7429-90-5	:	: 16.0	:	: 15	: .9	:
: VMP NAPHTHA	: 64742-89-8	:	: 8.4	: 300	:	: 1.0	: 15 @ 37.7 DEG. C.
: MINERAL SPIRITS	: 64742-88-7	:	: 57.0	: 100	:	: 0.8	: 26.6 @ 38 DEG. C.
: ADDITIVES	: LESS THAN	:	: 1.0	:	:	:	:
: VINYL TOLUENATED	:	:	:	:	:	:	:
: .ALKYD	: 68309-81-9	:	: 12.6	: 100	: 10	: .9	:
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:
:	:	:	:	:	:	:	:

* THIS PRODUCT IS ON THE EPA/TSCA INVENTORY

@=SARA TITLE 111 Section 313 reporting for Superfund ammendments

SECTION III - PHYSICAL DATA

Boiling Range: 250-375 DEG. F. Vapor Density: X HEAVIER: LIGHTER THAN AIR

Evaporation Rate: FASTER : XX SLOWER than: Butyl Acetate
Percent Volatile by Weight: 71.9 V.O.C.: 5.36#/Gallon; 649 Grams/Litre
Percent Volatile by Volume: 83.2 Wgt per GALLON: 7.45 Lbs.

SECTION IV - FIRE and EXPLOSION DATA

DOT CATEGORY: Combustible Liquid FLASH POINT: 105 Deg F. LEL: 0.8-7.0%
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 AND MAY
ACCUMULATE IN LOW OR UNVENTILATED AREAS.

:
SPECIAL FIRE FIGHTING PROCEDURES - DO NOT ENTER CONFINED FIRE SPACE WITHOUT
PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF-CONTAINED
BREATHING APPARATUS.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 100 PPM FOR 8 HOUR WORKDAY RECOMMENDED.

:
EFFECTS OF OVEREXPOSURE - INHALATION OF HIGH VAPOR CONCENTRATIONS MAY HAVE
RESULTS RANGING FROM DIZZINESS AND HEADACHES TO UNCONSCIOUSNESS. PROLONGED
OR REPEATED LIQUID CONTACT WITH THE SKIN WILL DRY AND DEFAT THE SKIN,
LEADING TO IRRITATION AND DERMATITIS. IF BREATHING HAS STOPPED OR IRREGULAR
ADMINISTER OXYGEN. IF INGESTED, DO NOT INDUCE VOMITING. CALL PHYSICIAN. IN
CASE OF SKIN CONTACT, WASH WITH WARM WATER AND SOAP. IF SPLASHED IN EYES,
FLUSH EYES WITH CLEAR WATER FOR 15 MINUTES.

SECTION VI - REACTIVITY DATA

STABILITY - STABLE

INCOMPATABILITY (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. ALUMINUM PAINTS WILL REACT SLOWLY WITH WATER TO GENERATE HYDROGEN. THIS CAN BE HAZARDOUS IN A CLOSED CONTAINER

:
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 AND WATER COURSES.

:
WASTE DISPOSAL METHOD - 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 SUPPLIED AIR RESPIRATOR PROTECTION 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 - KEEP CONTAINERS UPRIGHT AND CLOSED SECURELY. STORE IN A COOL DRY PLACE.

:
VENTILATE AS NEEDED TO COMPLY WITH EXPOSURE LIMITS.

:
OTHER PRECAUTIONS - AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE USE. WASH SKIN WITH SOAP AND WATER AFTER CONTACT.

SECTION X - HAZARDOUS MATERIAL IDENTIFICATION

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

Health : 2
Flammability : 2
Reactivity : 1
Personal Protection: A

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.