

DATE: JUNE, 2003 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. TRANSPORTATION EMERGENCIES: CHEMTREC
City, State, Zip CLEVELAND, OHIO 44119 (800) 424-9300 CONTINENTAL U.S.
PRODUCT NUMBER: 3-076 (202) 483-7616 (COLLECT) FROM
PRODUCT NAME: JAPAN DRIER ALASKA & HAWAII
PRODUCT CLASS: PAINT DRIER/ADDITIVE

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	* CAS NUMBER*	PERCENT*	TLV		VAPOR PRESSURE	
			* PPM	MG/M3*	LEL *	MM/HG
: ZIRCONIUM	: TRADE	:	:	:	:	:
: ..ALKANOATE	: ..SECRET	: 3.3	:	:	:	:
: COBALT	: TRADE	:	:	:	:	:
: ..ALKANOATE	: ..SECRET	: 4.0	:	:	:	:
: MANGANESE	:	:	:	:	:	:
: ..ALKANOATE	: 37449-19-7	: 1.5	:	:	:	:
: MINERAL SPIRITS	: 64742-48-9	: 91.2	: 500	:	: 0.8%	: 7@100 DEG. F
:	:	:	:	:	:	:

ALL INGREDIENTS ARE LISTED ON THE EPA/TSCA INVENTORY

SARA TITLE 111 SECTION 313 REPORTING FOR SUPERFUND AMENDMENTS

SECTION III - PHYSICAL DATA

Boiling Range: 315-385 DEG. F Vapor Density: XX HEAVIER: LIGHTER THAN AIR
Evaporation Rate: FASTER : XX SLOWER than:
Percent Volatile by Weight: 91.5 V.O.C.: 6.1#/Gallon; 738 Grams/Litre
Percent Volatile by Volume: 94 Wgt per GALLON: 6.7 lbs.

SECTION IV - FIRE and EXPLOSION DATA

DOT CATEGORY: COMBUSTIBLE LIQUID FLASH POINT: 105 DEG. F LEL: 0.8-6.0%
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 IS 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

INCOMPATIBILITY (materials to avoid): STRONG OXIDENTS LIKE LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM OR CALCIUM HYPOCHLORIDE.

HAZARDOUS DECOMPOSITION PRODUCTS: FUMES, SMOKE AND CARBON MONOXIDE IN THE CASE OF INCOMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID:

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 HYDROCARBON VAPOR CANISTER OR SUPPLIED AIR

RESPIRATOR PROTECTOR IN CONFINED OR ENCLOSED SPACES IF NEEDED.

VENTILATION: LOCAL EXHAUST FACE VELOCITY 60 fpm

USE ONLY WITH ADEQUATE VENTILATION. 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: USE APRON OR OTHER CLOTHING.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

USE ADEQUATE VENTILATION EQUIVALENT TO THE OUTDOORS:

OTHER PRECAUTIONS: AVOID BREATHING VAPORS. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN. REMOVE CONTAMINATED CLOTHING AND LAUNDRY 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	: 1	:
Flammability	: 1	:
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.