

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME UNITED STATES BORAX & CHEMICAL CORPORATION		EMERGENCY TELEPHONE NO. (714) 774-2673
ADDRESS (Number, Street, City, State, and ZIP Code) 3075 WILSHIRE BLVD., LOS ANGELES, CA.90010		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS GERSTLEY BORATE	
CHEMICAL FAMILY SODIUM, CALCIUM BORATE	FORMULA MIXTURE OF COLEMANITE & ULEXITE	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
THIS SECTION DOES NOT			THIS SECTION DOES NOT		
VEHICLE			METALLIC COATINGS		
APPLY			APPLY		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	(LOOSE) BULK DENSITY 49 lbs/Ft ³
VAPOR PRESSURE (mm Hg.)	"	PERCENT. VOLATILE BY VOLUME (%)	N / A
VAPOR DENSITY (AIR=1)	"	EVAPORATION RATE (_____ = 1)	"
SOLUBILITY IN WATER	SLIGHT		
APPEARANCE AND ODOR	GRAY POWDER		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	N/A			
SPECIAL FIRE FIGHTING PROCEDURES	NONE MATERIAL INHERENT FLAME RETARDANT			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	NOT KNOWN
EFFECTS OF OVEREXPOSURE	NOT KNOWN
EMERGENCY AND FIRST AID PROCEDURES	
IN CASE OF INGESTION INDUCE EMESIS; FOR EYE EXPOSURE IRRIGATE EYES THOROUGHLY WITH WATER. IF INHALATION OCCURS, REMOVE TO FRESH AIR.	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	XX	NONE
INCOMPATIBILITY (Materials to avoid)			NONE
HAZARDOUS DECOMPOSITION PRODUCTS			NONE
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XX	NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
STANDARD DISPOSAL PROCEDURES - PRESENTS NO HEALTH HAZARD. SWEEP OR VACCUM
WASTE DISPOSAL METHOD
STANDARD: SOLID LAND FILL, AVOID SANITARY SEWERS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
NO SPECIAL PROTECTION REQUIRED		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	NOT REQUIRED	EYE PROTECTION
		AVOID EYE CONTACT
OTHER PROTECTIVE EQUIPMENT		
WEAR DUST MASK		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	NONE
OTHER PRECAUTIONS	NONE