

MATERIAL SAFETY DATA SHEETRequired under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

PLAINTIFF'S EXHIBIT

BIR-835

SECTION I

MANUFACTURER'S NAME Ridgeland Chemical Co.		EMERGENCY TELEPHONE NO. (312) 628-0303
ADDRESS (Number, Street, City, State, and ZIP Code) P.O. Box 1087 La Grange Park, IL 60525		
CHEMICAL NAME AND SYNONYMS n/a		TRADE NAME AND SYNONYMS 533- RELEASE AGENT
CHEMICAL FAMILY n/a	FORMULA n/a	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	220	SPECIFIC GRAVITY (H ₂ O=1)	78°F	1.01
VAPOR PRESSURE (mm Hg.)	n/a	PERCENT. VOLATILE BY VOLUME (%)	90	
VAPOR DENSITY (AIR=1)	n/a	EVAPORATION RATE (_____=1)	n/a	
SOLUBILITY IN WATER	COMPLETE			
APPEARANCE AND ODOR	Amber Liquid, Soaply Odor.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	TOC	None	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Non-flammable				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE AND-EXPLOSION HAZARDS	None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

None

EMERGENCY AND FIRST AID PROCEDURES

None

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

None

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STeps TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush into drain with water

WASTE DISPOSAL METHOD

Flush into drain with water

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not required

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Not required

EYE PROTECTION

Not required

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

None

OTHER PRECAUTIONS

None