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 SUPERIOR SERVICE CENTER, INC.
 W. 7th St. & Commercial Sts.
 P.O. Box 690
 Waterloo, Iowa 50704

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 Thermacote Welco		EMERGENCY TELEPHONE NO. 1-704-739-6421
ADDRESS (Number, Street, City, State and ZIP Code) Hwy 161, York Rd., Kings Mtn., N.C. 28086		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS Welco 80 Flux	
CHEMICAL FAMILY	FORMULA	

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)
Zinc Chloride (fumes)				12	1 mg/M ³
Fluoride Derivatives				6	2.5 mg/M ³

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	2.15@ 72°
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	Appreciable		
APPEARANCE AND ODOR	Pink powder with no characteristic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE	N/A	Lel	Uel
EXTINGUISHING MEDIA	Water				
SPECIAL FIRE FIGHTING PROCEDURES	None				
UNUSUAL FIRE AND EXPLOSION HAZARDS	None				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	See Section II
EFFECTS OF OVEREXPOSURE	May cause irritation of nasal passages. Minor irritation to skin and eyes.
EMERGENCY AND FIRST AID PROCEDURES	Wash with soap and water. For eyes, flush with plenty of water for at least 15 minutes. If ingested, consult a physician

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID	Material will absorb moisture.
	STABLE	X		Keep Dry
INCOMPATIBILITY (Materials to avoid)				
HAZARDOUS DECOMPOSITION PRODUCTS				
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	Avoid inhalation of dust. Sweep and scoop up spills.
WASTE DISPOSAL METHOD	Dispose contaminated or unwanted material in chemical trash container. Flush residue with water to chemical sewer in accordance with Federal, State and Local Regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)		
None for normal use.		
VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER
PROTECTIVE GLOVES	Rubber	EYE PROTECTION
OTHER PROTECTIVE EQUIPMENT	Equipment normally used in operation.	Chemical safety goggles

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store in closed, protective packaging due to hygroscopic property of flux
OTHER PRECAUTIONS	Wash thoroughly after handling.