

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# 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 <b>THERMACOTE-WELCO COMPANY</b>		EMERGENCY TELEPHONE NO. <b>704-739-6421</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>Vanh Road, Hwy. 161, P.O. Box 112, Kings Mountain, North Carolina</b>		
CHEMICAL NAME AND SYNONYMS <b>N/A</b>	TRADE NAME AND SYNONYMS <b>WELCO 1620 Anto Spatter</b>	
CHEMICAL FAMILY <b>N/A</b>	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENT <b>Chlorinated</b>	<b>80</b>	<b>350</b>	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <b>111 TRI CHLOROETHANE</b>			OTHERS		
OTHERS <b>CAS No. 71-55-6</b>					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<b>Propellant-Carbon Dioxide</b>				<b>20</b>	

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<b>162F</b>	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	<b>1.320</b>
VAPOR PRESSURE (mm Hg.)	<b>100 max</b>	PERCENT VOLATILE BY VOLUME (%)	<b>95</b>
VAPOR DENSITY (AIR=1)	<b>4.6</b>	EVAPORATION RATE (Ether =1)	<b>.4</b>
SOLUBILITY IN WATER	<b>No</b>		
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>None</b>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA <b>Foam, CO<sub>2</sub>, Dry Chemicals</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>Firefighters should wear a NIOSH/MSHA-approved pressure-demand, self-contained breathing apparatus for exposure to hydrogen</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>c chloride and possibly traces of phosgene.</b>			
<b>Container under pressure. Do not expose to temperature greater than 120F.</b>			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	350 ppm
EFFECTS OF OVEREXPOSURE	High concentrations; signs of anesthesia.
EMERGENCY AND FIRST AID PROCEDURES	
If eyes; flush with large amounts of water; get medical aid. If swallowed, do not induce vomiting. Call physician. Inhalation, remove to fresh air. Call a Physician.	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Open flame can cause thermal decomposition.
INCOMPATIBILITY (Materials to avoid)			
Strong alkalies & oxidizers.			
HAZARDOUS DECOMPOSITION PRODUCTS			
Hydrogen chlorides & traces of phosgene.			
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 breathing high concentrations of the vapors and avoid repeated contact of the liquid with skin & clothing. Flush spilled areas with water. Be sure sufficient fresh air enters the area, or it should be vacated.	
WASTE DISPOSAL METHOD	N/A

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
None necessary when solvent is used in a properly designed & operated Unit.			
VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
Normally not necessary, (neoprene)		Normally not necessary.	
OTHER PROTECTIVE EQUIPMENT			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Avoid spillage and leak causing accidents.	
OTHER PRECAUTIONS	
Avoid spillage, repeated contact with the skin and prolonged breathing of the vapors.	