

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 <i>Thermacote-Welco Company</i>		EMERGENCY TELEPHONE NO. <i>704 - 739 - 6421</i>
ADDRESS (Number, Street, City, State, and ZIP Code) <i>York Road, Hwy. 161 P.O. Box 112 Kings Mountain, NC 28150</i>		
CHEMICAL NAME AND SYNONYMS <i>N/A</i>	<i>1620</i>	TRADE NAME AND SYNONYMS <i>R-T-Q Anti-Spatter Bulk</i>
CHEMICAL FAMILY <i>N/A</i>	FORMULA <i>N/A</i>	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE <i>CAS #75-09-2</i>			METALLIC COATINGS		
SOLVENTS <i>Methylene Chloride</i>		<i>100</i>	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <i>Refined Oil</i>	<i>10</i>	<i>N/A</i>	OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<i>162.4</i>	SPECIFIC GRAVITY (H ₂ O=1)	<i>1.31</i>
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	<i>100</i>
VAPOR DENSITY (AIR=1)	<i>4.54</i>	EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	<i>Negligible</i>		
APPEARANCE AND ODOR	<i>Clear, colorless liquid with a characteristic mild ethereal odor.</i>		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <i>None (Closed Cup Method)</i>	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA <i>Foam, CO₂, Dry Chemicals</i>			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS <i>Vapors can be decomposed by intense heat.</i>			

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

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	Do not use cutting or welding torches,open flames,electric arcs on drums
INCOMPATIBILITY (Materials to avoid)			
Sodium and Potassium hydrozides.			
HAZARDOUS DECOMPOSITION PRODUCTS			
HCl during thermal decomposition &traces of phosphene.			
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 in high concentrations of the vapors. Flush spilled areas with water.	
WASTE DISPOSAL METHOD	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None required 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	
Keep out of reach of children. Do not store at temperatures above 120F. Avoid prolonged breathing of vapors. Avoid spillage.	
OTHER PRECAUTIONS	
Avoid spillage,repeated contact with skin and prolonged breathing of the vapors.	