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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

G.S. welding

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 COMPANY	EMERGENCY TELEPHONE NO. 704-739-6421
ADDRESS (Number, Street, City, State, and ZIP Code) Vanh Road Hwy. 161 P O Box 112 Kings Mountain, North Carolina	
CHEMICAL NAME AND SYNONYMS N/A	TRADE NAME AND SYNONYMS Anti-Spatter Aerosol
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		
SOLVENT Chlorinated	80	350	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES 111 TRI CHLOROETHANE			OTHERS		
OTHERS CAS No. 71-55-6					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Propellant-Carbon Dioxide				20	

SECTION III - PHYSICAL DATA

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

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) None	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA Foam, CO2, Dry Chemicals			
SPECIAL FIRE FIGHTING PROCEDURES Firefighters should wear a NIOSH/MSHA-approved pressure-demand, self-contained breathing apparatus for exposure to hydrogen			
UNUSUAL FIRE AND EXPLOSION HAZARDS chloride and possibly traces of phosgene.			
Container under pressure. Do not expose to temperature greater than 120			

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

Open flame can cause thermal decomposition.

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong alkalis & 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

Sufficient to maintain TLV.

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

Normally not necessary, (neoprene)

EYE PROTECTION

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.