

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>1-704-739-6421</i>
ADDRESS (Number, Street, City, State, and ZIP Code) <i>Hwy 161, York Road, Kings Mountain, North Carolina 28086</i>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <i>"SILVER STREAK"</i>
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS <i>Aluminum Powder *</i>	<i>39</i>		BASE METAL		
CATALYST			ALLOYS		
VEHICLE <i>Binders</i>	<i>26</i>		METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES <i>Clays (18%) Waxes (16)</i>	<i>34</i>		OTHERS		
OTHERS <i>Anti-oxidant</i>	<i>24</i>				
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
<i>*Aluminum is used as a coloring agent. See fire protection guide on "Hazardous Material, NFPA. Sect 491-M/ Aluminum"</i>					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	<i>N/A</i>	SPECIFIC GRAVITY (H ₂ O=1)	<i>N/A</i>
VAPOR PRESSURE (mm Hg.)	<i>N/A</i>	PERCENT VOLATILE BY VOLUME (%)	<i>N/A</i>
VAPOR DENSITY (AIR=1)	<i>N/A</i>	EVAPORATION RATE (_____ =1)	<i>N/A</i>
SOLUBILITY IN WATER	<i>none</i>		
APPEARANCE AND ODOR <i>Extruded, flat stock, ribbon shaped</i>			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	<i>Unknown</i>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	<i>Smother with suitable, dry material (such as sand)</i>			
SPECIAL FIRE FIGHTING PROCEDURES	<i>This product will burn readily when exposed to flame or high heat. Do not use Carbon Tetrachloride as an extinguishing media.</i>			
UNUSUAL FIRE AND EXPLOSION HAZARDS	<i>Do not use water as an extinguishing media. It will react with aluminum to form Hydrogen</i>			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Unknown

EFFECTS OF OVEREXPOSURE

Unknown

EMERGENCY AND FIRST AID PROCEDURES

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Water, acids, alkalis

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

MAY OCCUR

n/a

CONDITIONS TO AVOID

WILL NOT OCCUR

n/a

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove flame and hot surface from area

WASTE DISPOSAL METHOD

Remove waste to sanitary land fill in accordance with local,

state and Federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

Welding protective equipment shall depend on welding process in use

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near high heat or flame source.

Keep storage area free of excessive water vapor.

OTHER PRECAUTIONS

Do not take internally. Avoid prolonged contact with skin.

Date prepared: November 8, 1985 By: _____