

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

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

PLAINTIFF'S EXHIBIT

SH-1527

Required under USOL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Standco Industries, Inc.		EMERGENCY TELEPHONE NO. (713) 224-6311
ADDRESS (Number, Street, City, State, and ZIP Code) 2701 Clinton Drive, Houston, Texas 77001		
CHEMICAL NAME AND SYNONYMS Asbestos Friction Product		TRADE NAME AND SYNONYMS Woven Brake Lining
CHEMICAL FAMILY	FORMULA 100 ALC	

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 Asbestos Fiber	40	2/CG
OTHERS			C		
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NONE					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	1.4
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	X	EVAPORATION RATE (_____=1)	N/A
SOLUBILITY IN WATER	NONE		
APPEARANCE AND ODOR Tan to Brown color - Yarnish odor			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) NONE	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA WATER			
SPECIAL FIRE FIGHTING PROCEDURES NONE			
UNUSUAL FIRE AND EXPLOSION HAZARDS NONE			

LAM 028494

ABS-047384

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

TLV for asbestos is 2 Fibers/cc, TWA-max 5/cc

EFFECTS OF OVEREXPOSURE

There is no exposure hazard in handling the finished product. If additional sawing, drilling, or machining is performed, asbestos fibers can be released and precautions listed in Sections VIII and IX should be observed

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
NONE			
HAZARDOUS DECOMPOSITION PRODUCTS			
NONE			
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

See Section IX

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

When necessary use 3M Respirator #08710

VENTILATION	LOCAL EXHAUST Provide dust removal	SPECIAL
	MECHANICAL (General) Hoods during machining	OTHER Protect from dust
PROTECTIVE GLOVES		EYE PROTECTION
		yes
OTHER PROTECTIVE EQUIPMENT		

SECTION IX - SPECIAL PRECAUTIONS

LAM 028495

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Dust from machining operations should be cleaned by vacuum and disposed

OTHER PRECAUTIONS

of as Class 1 Refuse.

ABS-047385