

# MATERIAL SAFETY DATA SHEET

REVISED 1-1-88

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

## SECTION I

MANUFACTURER'S NAME <b>Tappa Enterprises Inc</b>		EMERGENCY TELEPHONE NO. <b>804-443-5059</b>
ADDRESS (Number, Street, City, State, and ZIP Code) <b>Rt. 621 Millers Tavern, Va. 23115</b>		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS <b>Disc Pads</b>
CHEMICAL FAMILY	FORMULA	

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		N/A	BASE METAL		N/A
CATALYST		N/A	ALLOYS		N/A
VEHICLE		N/A	METALLIC COATINGS		N/A
SOLVENTS		N/A	FILLER METAL PLUS COATING OR CORE FLUX		N/A
ADDITIVES		N/A	OTHERS		N/A
OTHERS		N/A			N/A
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Asbestos - 10 Fibers > 5 microns per CC				50	
0.2 fiber > 5 Microns per CC 8 Hr time weighted average					
Formaldehyde 2PPM/Air				Unk	
(Released only at temp > 300°F)					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (15/15)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%) Under 300°F	< 1%
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (1/1)	N/A
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) <b>N/A</b>	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA <b>C O<sub>2</sub> Chemical Foam, Water</b>			
SPECIAL FIRE FIGHTING PROCEDURES <b>Avoid Smoke Inhalation</b>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>None</b>			

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

0.5 Fibers 5 Microns per CC, 8 Hrs time weighted average

EFFECTS OF OVEREXPOSURE

Chronic inhalation of asbestos may cause symptoms of variable cough chest pain, weakness and decreased chest expansion. Later findings may include asbestosis, a diffused but non-uniform fibrosis of the lung and respiratory cancer.

None specific, remove from exposure

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	None

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

May emit toxic fumes when heated to 300°F or more

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

Disposal of any dust by vacuum cleaning or damp sweeping

WASTE DISPOSAL METHOD

In accordance with federal, state, local regulations

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Dust - Conforming to NIOSH Regulations

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

EYE PROTECTION

Safety Glasses

OTHER PROTECTIVE EQUIPMENT

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Local exhaust ventilation or respiratory protection for cutting, grinding and handling where dust exposure may occur. Avoid inhalation or ingestion of dust. Do Not Smoke. Practice good housekeeping and personal hygiene. Prevent dust from becoming airborne, remove by vacuuming or wetting before clean up. Place all material in closed approved containers for proper disposal.