

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

Form Approved
OHS No. 44-81387

JAN 01 1994

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

MOYCO INDUSTRIES, INC.

EMERGENCY TELEPHONE NO.

215-229-0470

ADDRESS (Number, Street, City, State, and ZIP Code)

21st & CLEARFIELD STREETS, PHILADELPHIA, PA 19132 USA

CHEMICAL NAME AND SYNONYMS

METAL STRIP COATED WITH "ALO" GRIT

TRADE NAME AND SYNONYMS

LIGHTNING

CHEMICAL FAMILY

CARBON STEEL

FORMULA

N/A

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	NONE		BASE METAL	CARBON STEEL	100
CATALYST	NONE		ALLOYS		
VEHICLE			METALLIC COATINGS	ALO 120-150-180	5
SOLVENTS			FILLER METAL		
ADDITIVES			PLUS COATING OR CORE FLUX	NICKEL	5
OTHERS			OTHERS	N/A	
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES					% TLV (Units)
N/A					

This is a metal strip coated with aluminum oxide (ALO) of various grits electroplated in a proprietary bath.

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	N/A
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE	N/A
SOLUBILITY IN WATER			

APPEARANCE AND ODOR No odor. Thin metal strip, one rough coated abrasive side

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	None	FLAMMABLE LIMITS	LEL	UEL
EXTINGUISHING MEDIA	Water, etc.			
SPECIAL FIRE FIGHTING PROCEDURES	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None known with normal use

EFFECTS OF OVEREXPOSURE

None known with normal use

*For the use of professional dental personnel only.

EMERGENCY AND FIRST AID PROCEDURES

Rinse mouth thoroughly; use soap and water externally.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

Very

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Acids

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS

POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

N/A

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

N/A

VENTILATION

LOCAL EXHAUST

SPECIAL

N/A

MECHANICAL (General)

OTHER

N/A

PROTECTIVE GLOVES

N/A

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

N/A

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Normal handling - rotate stock (first in, first out)

OTHER PRECAUTIONS

For use by professional dental personnel;

Not indicated for consumer market.