

MATERIAL SAFETY DATA SHEET

July 1, 1994

YATES & BIRD/MOTLOID COMPANY
300 North Elizabeth Street Chicago, IL 60607
312-226-2412 or 312-226-2454

IN EMERGENCY CONTACT:
INFOTRAC: 800-535-5053

SECTION I PRODUCT IDENTIFICATION

Apply Moldent to rotating buffing wheel for removal or flowing of the surface of metals, plastics, or wood. Material is non-hazardous and non-toxic in storage and shipment, according to OSHA 29 CFR 1915.2 and DOT 49 CFR. NFPA Ratings: H=1, F=0, R=0

PRODUCT NAME: **Moldent**
GENERIC NAME: Buffing Agent

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENTS
CAS# 14808-60-7 SILICA, QUARTZ and/or TLV 0.1mg/M³ respirable
CAS# 1317-95-9 TRIPOLI, DUST 0.3mg/M³ total dust

Silica Abrasive: 80% ±5%
Fatty Acids & Glycerides: 20% ±5%

SECTION III PHYSICAL DATA

VAPOR DENSITY: AIR=1 NA VAPOR PRESSURE (mm Hg): NA
SOLUBILITY IN WATER: No SPECIFIC GRAVITY: H₂O=1 >1.20
APPEARANCE/ODOR: Solid dense red brick with mild odor.

SECTION IV FIRE, EXPLOSION AND REACTIVITY INFORMATION

Non-Toxic Combustible

FLASH POINT (AND TEST METHOD): >100° C.
EXTINGUISHING MEDIA: Water fog, dry chemical or carbon dioxide
SPECIAL FIREFIGHTING PROCEDURES: Water may cause violent and dangerous frothing requiring full face piece and self-contained breathing apparatus.
INCOMPATIBILITY(MATERIALS TO AVOID): Incompatibility exists with strong alkalis like sodium hydroxide.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: If material is subjected to abnormally high temperatures, carbon monoxide and carbon dioxide are formed.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION V HEALTH HAZARD INFORMATION

EMERGENCY/FIRST AID PROCEDURES: Eyes, rinse with plenty of water for at least 15 minutes; Skin: wash with soap and water; Ingestion: induce vomiting by sticking finger down throat. Never give anything by mouth to anyone unconscious or suffering from convulsions.

WARNING: Do not breathe the dust of compound containing tripoli or quartz. Follow OSHA Standard for crystalline silica (quartz.)

SECTION VI ENVIRONMENTAL PROTECTION INFORMATION

IF MATERIAL IS RELEASED OR SPILLED: Sweep into containers. WASTE DISPOSAL: Per regulations.

SECTION VII CONTROL MEASURES

Suitable exhaust equipment is required, with eye protection, clothing and gloves to prevent compound dust, or materials being removed during the buffing operation from entering the nose, throat or skin of the buffer.

SECTION VIII SPECIAL PRECAUTIONS

STORAGE: Keep containers from excessive moisture, sun and heat (as steam pipes). Do not re-use empties.