

MATERIAL SAFETY DATA SHEET

MANUFACTURER OR DISTRIBUTOR: **M. Grumbacher, Inc.**
Three Englehard Dr.

Cranbury NJ 08512

INFORMATION TELEPHONE NUMBER: **609-655-8282**

EMERGENCY TELEPHONE NUMBER: **800-346-3278**

----- SECTION I - PRODUCT IDENTIFICATION -----

PRODUCT NAME: **RETOUCH VARNISH** PRODUCT NO. **563**

PRODUCT SIZES: **74, 236, 473, 946 ML**

PRODUCT CLASS: **MULTI-PURPOSE VARNISH**

----- SECTION II - HAZARDOUS INGREDIENTS -----

INGREDIENT	CAS#	PEL/TLV (MG/M3)	MAX %WEIGHT	NTP	IARC
OIL OF TURPENTINE	8006-64-2	560.00	67.0000	N	N

----- SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS -----

BOILING POINT: N/A MELTING POINT: N/A
VAPOR PRESSURE: N/A
SPECIFIC VAPOR DENSITY (AIR=1): N/A SPECIFIC GRAVITY: 0.9055
SOLUBILITY IN WATER: N/A REACTIVITY IN WATER: NON-REACTIVE
APPEARANCE AND ODOR: PALE STRAW COLORED LIQUID, TERPENE ODOR.

----- SECTION IV - FIRE AND EXPLOSION INFORMATION -----

FLASH POINT (METHOD): 99°F TCC AUTOIGNITION TEMPERATURE: N/A
EXPLOSION LIMITS IN AIR (% BY VOLUME): NOT EXPLOSIVE
EXTINGUISHING MEDIA: NO SPECIAL MEDIA REQUIRED
FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES REQUIRED
UNUSUAL FIRE & EXPLOSION HAZARDS: **FLAMMABLE.**

----- SECTION V - PHYSICAL HAZARDS/REACTIVITY -----

HAZARDOUS POLYMERIZATION PRODUCTS: NONE
STABILITY: STABLE CONDITIONS TO AVOID: NONE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE

COMPANY: M. Grumbacher, Inc. PRODUCT: 563

BRAND NAME: RETOUCH VARNISH

----- SECTION VI - HEALTH HAZARD DATA -----

PERMISSIBLE EXPOSURE LEVEL: SEE SECTION II FOR COMPONENT PEL/TLVs

PRIMARY ROUTES OF ENTRY:

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: EXPOSURE MAY RESULT IN IRRITATION OF THE EYES OR CHEST. MAY BE HARMFUL OR FATAL IF SWALLOWED. MAY BE HARMFUL BY BREATHING VAPORS. EXPOSURE MAY RESULT IN NAUSEA, HEADACHE, CONFUSION OR INSTABILITY.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: NONE EXPECTED

CARCINOGEN LISTING: NTP: NO IARC: NO OSHA: NO
SEE SECTION II FOR COMPONENTS AFFECTED

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: NONE

FIRST AID MEASURES: If swallowed, do not induce vomiting. If symptoms occur, move to fresh air. Get prompt medical attention. If symptoms persist, see a physician.

----- SECTION VII - SPILL OR LEAK PROCEDURES -----

PRECAUTIONS TO BE TAKEN DURING STORAGE AND HANDLING: Do not store or use near heat or flame. **KEEP OUT OF REACH OF CHILDREN.**

STEPS TO BE TAKEN IN CASE A MATERIAL IS SPILLED: NO SPECIAL SPILL PROCEDURES REQUIRED.

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

----- SECTION VIII - PROTECTIVE EQUIPMENT/CONTROL MEASURES -----

RESPIRATORY PROTECTION AND SPECIAL VENTILATION REQUIREMENTS: Use exhaust fan to remove vapors and assure adequate cross ventilation.

OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED

WORK/HYGIENE PRACTICES: Avoid prolonged contact with skin. Avoid ingestion.

Form Completed by: Woodhall Stopford, MD, MSPH

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