

MATERIAL DATA SHEET

MANUFACTURER OR DISTRIBUTOR: M. Grumbacher, Inc.  
30 Englehard Dr.  
Cranbury, NJ 08512

INFORMATION TELEPHONE NUMBER: 609-655-8282

EMERGENCY TELEPHONE NUMBER: 800-346-3278

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

PRODUCT NAME: TURPENTINE PRODUCT NO. 568

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	100.0000	N	N

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

BOILING POINT: 302°F MELTING POINT: 320°F  
VAPOR PRESSURE: N/A  
SPECIFIC VAPOR DENSITY (ATR-1): N/A SPECIFIC GRAVITY: 0.860  
SOLUBILITY IN WATER: N/A REACTIVITY IN WATER: NON-REACTIVE

APPEARANCE AND ODOR: CLEAR LIQUID WITH A DISTINCT TERPINE ODOR.

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

FLASH POINT (METHOD): 95 - 113°F AUTOIGNITION TEMP.: 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 IV - PHYSICAL HAZARDS/REACTIVITY -----

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

COMPANY: M. GRUMBACHER, INC.      PRODUCT: 568  
BRAND NAME: TURPENTINE

----- 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 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.

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Form Completed by: Woodhall Stopford, MD, MSPH  
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