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: MATTE VARNISH  PRODUCT NO. 570
PRODUCT SIZES: 74 ML
PRODUCT CLASS: MULTI-PURPOSE VARNISH

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

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS#</th>
<th>PEL/TLV (MG/M3)</th>
<th>MAX %WEIGHT</th>
<th>NTP</th>
<th>IARC</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-LIMONENE</td>
<td>5989-27-5</td>
<td>N/A</td>
<td>60.3000</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

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

BOILING POINT: N/A  MELTING POINT: N/A
VAPOR PRESSURE: N/A  SPECIFIC GRAVITY: 0.8869
SPECIFIC VAPOR DENSITY (AIR=1): N/A  REACTIVITY IN WATER: NON-REACTIVE
SOLUBILITY IN WATER: N/A  APPEARANCE AND ODOR: OFF WHITE SEMI-GEL AT ROOM TEMPERATURE WITH CITRUS ODOR.

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

FLASH POINT (METHOD): 90°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: COMBUSTIBLE.

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

HAZARDOUS POLYMERIZATION PRODUCTS: NONE
STABILITY: STABLE CONDITIONS TO AVOID: NONE
INCOMPATIBILITY (MATERIALS TO AVOID): NONE
HAZARDOUS DECOMPOSITION PRODUCTS: NONE
SECTION VI - HEALTH HAZARD DATA

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

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, EYE, SKIN

EFFECTS AND SYMPTOMS OF ACUTE EXPOSURE: MAY BE HARMFUL IF SWALLOWED.

EFFECTS AND SYMPTOMS OF CHRONIC EXPOSURE: EXPOSURE MAY CAUSE DAMAGE TO THE KIDNEYS.

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

MEDICAL CONDITIONS USUALLY AGGRAVATED BY OVER EXPOSURE TO THIS PRODUCT: KIDNEY DISEASE.

FIRST AID MEASURES: NONE REQUIRED. NO ACUTE HEALTH EFFECTS EXPECTED.

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: Avoid breathing vapors by assuring adequate cross ventilation.
OTHER PROTECTIVE EQUIPMENT (GLOVES, GOGGLES, ETC): NONE REQUIRED
WORK/HYGIENE PRACTICES: Avoid prolonged contact with skin. Wash hands immediately after use. When using do not eat, drink or smoke.

Form Completed by: Woodhall Stopford, MD, MSPH
Last Updated: 03/31/92