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:  OIL PAINTING MEDIUM III  PRODUCT NO. 577
PRODUCT SIZES:  74 ML
PRODUCT CLASS:  OIL LIQUID PAINTING MEDIUM

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT  CAS#  PEL/TLV (MG/M3)  MAX % WEIGHT NTP IARC
D-LIMONENE  5989-27-5  N/A  28.5000 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:  0.9056 - 0.9089
SOLUBILITY IN WATER:  N/A  REACTIVITY IN WATER:  NON-REACTIVE
APPEARANCE AND ODOR:  CLEAR AMBER LIQUID 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
COMPANY: M. Grumbacher, Inc. PRODUCT: 577
BRAND NAME: OIL PAINTING MEDIUM III

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: 11/13/91