SAFETY DATA SHEET

U.V. PLUS **SDS DATE: 1/1/19**

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: MESSMERS U.V. PLUS
SYNONYMS: U.V. PLUS NATURAL WOOD FINISH
PRODUCT CODES: MC-5XX, MS-6XX

MANUFACTURER: MESSMER'S INC.
ADDRESS: 9500 S HAWLEY PARK RD
WEST JORDAN, UT 84081

EMERGENCY PHONE: 801-569-2426
CHEMTREC PHONE: 800-424-9300
FAX : 801-569-8511

PRODUCT USE: PAINT PRODUCT
PREPARED BY: STEVE JENSEN

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE: Inhalation, Ingestion, Skin absorption

POTENTIAL HEALTH EFFECTS

EYES: Moderate eye irritation

SKIN: Causes skin irritation. Dermatitis. May cause defatting of the skin. Harmful if absorbed through the skin. May cause sensitization by skin contact.

INGESTION: Irritation of the mouth, throat and stomach. Aspiration hazard if swallowed – can enter lungs and cause damage.

INHALATION: Causes respiratory tract irritation. Harmful by inhalation.

TARGET ORGAN AND OTHER HEALTH EFFECTS:

Causes headache, drowsiness or other effects to the central nervous system
Kidney injury may occur
Liver injury may occur

THIS PRODUCT CONTAINS INGREDIENTS THAT MAY CONTRIBUTE TO THE FOLLOWING POTENTIAL CHRONIC HEALTH EFFECTS

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CARCINOGENICITY

No known carcinogens

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: CAS NO.	APPROX WT%	CHEMICAL NAME
Mineral Spirits 64742-47-8	40 to 50%	Petroleum distillates, hydrotreated light

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water. Remove any contact lenses and open eyes wide apart.

SKIN: Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist

INGESTION: Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, keep head lower than hips to prevent aspiration. Get medical attention immediately.

INHALATION: Move injured person into fresh air and keep person calm under observation. Get medical attention immediately.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: N/A

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: 6
(% BY VOLUME) LOWER: .7

FLASH POINT:
F: 104
C: 40
METHOD USED: TCC

AUTOIGNITION TEMPERATURE:
F: not determined
C: not determined

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam and/or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after each use, place rags, steel wool or waste in a sealed, water-filled metal container. Dispose of empty cans or unused portion in accordance with local, state, and federal regulations. Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: See section 10

SECTION 5 NOTES:

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES:

Action to be taken if material is released or spilled: Ventilate the area. Avoid breathing dust or vapor. Use self-contained breathing apparatus or airmask for large spills in a confined area. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures. Remove all sources of ignition. Soak up with inert absorbent material. Use only non-sparking tools. Avoid contact with eyes.

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

Precautions to be taken in handling and storage: Keep away from heat, sparks and open flame. - No smoking. Keep container closed when not in use. Do not store above 120 degrees F. (49 degrees C). Based on flash point and vapor pressure, suitable storage should be provided in accordance with OSHA regulation 1910.106. Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned. If the product is usednear or above the flashpoint, an ignition hazard may be present. Activities, uses, or operations which liberate vapor (such as mixing or free fall of liquids) may also present an ignition hazard. Please ensure containers and other interconnected equipment are properly bonded and grounded at all times.

OTHER PRECAUTIONS:

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: N/A

VENTILATION : **Use only in well-ventilated areas. Ensure adequate ventilation, especially in confined areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Where the product is used in a hazardous classified area, use explosion-proof electrical/ventilating/lighting/equipment.**

RESPIRATORY PROTECTION: **If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.**

EYE PROTECTION: **Wear safety glasses or goggles to protect against exposure.**

SKIN PROTECTION: **Appropriate chemical resistant gloves should be worn.**

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: **To prevent skin contact wear protective clothing covering all exposed areas.**

EXPOSURE GUIDELINES: not available

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: **Low viscosity liquid**

FLAMMABLE LIMITS IN AIR, UPPER: 6
(% BY VOLUME) LOWER: .7

ODOR: **Normal for this product type**

VAPOR PRESSURE (mmHg): **not determined**

ODOR THRESHHOLD: **not determined**

VAPOR DENSITY (AIR = 1): **not determined**

pH AS SUPPLIED: **not determined**

SPECIFIC GRAVITY (H2O = 1): **.86**
@
F:
C:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES continued

MELTING POINT: not determined

FREEZING POINT: not determined

SOLUBILITY: Limited solubility in water

BOILING RANGE:
F: 302 TO 554
C: 150 TO 290

FLASH POINT (TCC):
F: 104
C: 40

EVAPORATION RATE: not determined
BASIS (=1):

PERCENT SOLIDS BY WEIGHT: 50-60%

PERCENT VOLATILE BY WEIGHT: 40-50%

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER / EXEMPT MATERIALS: 3.56 LBS/GAL
WITHOUT WATER / EXEMPT MATERIALS: 3.56 LBS/GAL

MOLECULAR WEIGHT: N/A

VISCOSITY: not determined

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE UNSTABLE

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID (STABILITY): Heat

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Incomplete combustion can yield Carbon monoxide, carbon dioxide and formaldehyde.

HAZARDOUS POLYMERIZATION: None anticipated

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION:

INGREDIENT: CAS NO.	APPROX WT%	SELECTED LD50S AND LC50S
Mineral Spirits	40 to 50%	Inhalation LC50: >5 mg/l/4 h,Rat

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: **No information available**

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: **Disposal should be made in accordance with federal, state and local regulations**

RCRA HAZARD CLASS: **No information available**

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION*
PROPER SHIPPING NAME: **Paint**
HAZARD CLASS: **Combustible Liquid**
ID NUMBER: **UN1263**
PACKING GROUP: **III**

***U.S Hazmat and/or International DG shipment exceptions**
The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

WATER TRANSPORTATION
PROPER SHIPPING NAME: **Paint**
HAZARD CLASS: **3**
ID NUMBER: **UN1263**
PACKING GROUP: **III**

AIR TRANSPORTATION – Not Determined
PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

No additional information

SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

HMIS HAZARD CLASSIFICATION

HEALTH:	**2**
FLAMMABILITY:	**2**
REACTIVITY:	**0**
PROTECTION:	**H**

PREPARATION INFORMATION:

DISCLAIMER:

Information is subject to change.

In lieu of all warranties, expressed or implied, the manufacturer and sellers only obligation shall be to replace such quantity of this product as is proven to be defective. Seller and manufacturer shall not be liable for loss or damage connected with the use and/or handling of this product. User should determine suitability of this product for the intended use before applying it. User assumes all risk and liability in connection therewith.