MATERIAL SAFETY DATA SHEET

Quick Identifier (In Plant Common Name): Utrecht Workable Fixative

MANUFACTURER INFORMATION

MANUFACTURER'S NAME: Utrecht Manufacturing Corporation.
ADDRESS: 6 Corporate Drive, Cranbury, NJ 08512
EMERGENCY TELEPHONE NUMBER: 609-409-8001
DATE PREPARED: May 2001

SECTION 1 - IDENTITY

COMMON NAME (used on label) (Trade Name & Synonyms): Utrecht Workable Fixative
CAS. NUMBER: See Section 2
CHEMICAL NAME: Aerosol Coating
CHEMICAL FAMILY: Organic Coating
FORMULA: ORB M-5688

SECTION 2 - HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>CHEMICAL AND COMMON NAME(S)</th>
<th>CAS #</th>
<th>OSHA</th>
<th>ACGIH</th>
<th>VAPOR PRESS @ 25 DEG. C</th>
<th>LEL</th>
<th>URL</th>
<th>FLASH POINT DEG. F</th>
<th>Wt %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>750ppm</td>
<td>750ppm</td>
<td>185 mmHg</td>
<td>2.6</td>
<td>12.8</td>
<td>-4(TCC)</td>
<td>60 - 70</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>108-65-6</td>
<td>N/A</td>
<td>N/A</td>
<td>4mmHg</td>
<td>1.1</td>
<td>11.2</td>
<td>N/A</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Methyl Ether Acetate</td>
<td></td>
<td>N/A</td>
<td>N/A</td>
<td>3691 mmHg</td>
<td>2.0</td>
<td>10.0</td>
<td>-156 Ext.</td>
<td>20 - 30</td>
</tr>
<tr>
<td>Liquefied Petroleum Gas (Propellant)</td>
<td>68476-85-7</td>
<td>1000ppm</td>
<td>1000ppm</td>
<td>3691 mmHg</td>
<td>2.0</td>
<td>10.0</td>
<td>-156 Ext.</td>
<td>20 - 30</td>
</tr>
</tbody>
</table>

**NOTE. This product does not contain any ingredients subject to Section 313 of SARA Title III. N/A is not available or not applicable.**

THE INFORMATION HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.
SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS
(Fire & Explosion Data)

BOILING POINT (deg F): Concentrate Range: 132 - 300
                      Propellant: -16.0
SPECIFIC GRAVITY (Water = 1): Concentrate: 0.87
                               Propellant: 0.54
VAPOR PRESSURE (mmHg): See Section 2
PERCENT VOLATILE BY WEIGHT (%): 90 - 100%
VAPOR DENSITY (Air = 1): >1
EVAPORATION RATE (BA = 1): >1
SOLUBILITY IN WATER: Slight
REACTIVITY IN WATER: None
APPEARANCE AND ODOR: CONCENTRATE: Liquid with characteristic odor; PROPELLANT:
                         Colorless, odorless gas; FINISHED PACKAGE: Pressurized containers.
FLASH POINT: See Section 2
FLAMMABLE LIMITS IN AIR - % BY VOLUME: See Section 2
EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical
AUTO-IGNITION TEMPERATURE: Unknown
SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to
                                   prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should
                                   wear self-contained respiratory equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable. Contents under pressure.
                                      Do not use or store near heat or ignition sources. Containers may burst at temperatures above 130 deg.
                                      F.

SECTION 4 - PHYSICAL HAZARDS

STABILITY: Stable
CONDITIONS TO AVOID: Avoid any ignition sources. Avoid excessive heat.
INCOMPATIBILITY (Materials to Avoid): Nitric plus Acetic Acids, Nitric plus Sulfuric Acid,
                                      Amines, Strong Oxidizing Agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Not Applicable.

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SECTION 5 - HEALTH HAZARDS

THRESHOLD LIMIT VALUE: See Section 2
SIGN AND SYMPTOMS OF EXPOSURE: **EYE CONTACT:** May cause moderate eye irritation and moderate corneal injury. Vapors may irritate eyes; **SKIN CONTACT:** Prolonged contact may cause irritation, defatting of skin; **INHALATION:** May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: Headache, dizziness, nausea, staggering gait, confusion, unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage; **INGESTION:** If aspirated (liquid enters the lungs), it may be rapidly absorbed through the lungs and result in injury to other body systems. Gastro-intestinal distress.

**IMPORTANT NOTE: REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.**

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:
NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No
OSHA: No
OSHA PERMISSIBLE EXPOSURE LIMIT: See Section 2
ACGIH THRESHOLD LIMIT VALUE: See Section 2
OTHER EXPOSURE LIMIT USED: None

EMERGENCY AND FIRST AID PROCEDURES

**INHALATION:** Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician. **EYES:** Flush with flowing water immediately and continuously for 15 minutes. Consult medical personnel. **SKIN:** Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse. If irritation persists, call a physician. **INGESTION:** Do not induce vomiting. Call a physician immediately.

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SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

VENTILATION:
LOCAL EXHAUST: To keep below TLV
MECHANICAL (General): To keep below TLV
SPECIAL: None
OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves
EYE PROTECTION: Safety glasses or goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Do not store above 120 deg. F. Avoid breathing vapors. Avoid prolonged or repeated contact with skin.

OTHER PRECAUTIONS: Extremely flammable. Do not use or store near open flames, heat, or any sources of ignition. Contents under pressure. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.
LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.

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SECTION 8 - NFPA HAZARD RATINGS

Health = 2  Flammability = 4  Reactivity = 0

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