



Professional Quality Art Supplies Since 1949

Material Safety Data Sheet

FOR HEALTH EMERGENCIES: CALL A POISON CONTROL CENTER
For Transportation Emergencies: Call: 1-800-223-9132

Date Prepared
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Section 1 - PRODUCT AND COMPANY IDENTIFICATION

1.1 PRODUCT NAME: Utrecht Utrecht Alkyd Gel Oil Painting Medium
1.2 ITEM NUMBER AND SIZES: 14121 - 150ml tube
1.3 COMPANY IDENTIFICATION:
Utrecht Manufacturing Corp.
6 Corporate Drive • Cranbury, New Jersey 08512 USA
Phone: 877-887-7328 • Web: <http://www.utrecht.com>

SECTION 2 – COMPOSITION INFORMATION

COMPONENT	CAS #	MAX. AMOUNT (% Weight)
Petroleum Naphtha	64742-48-9	38
Aliphatic Hydrocarbon	8052-41-3	15
D-Limonene	94266-47-4	< 2

SECTION 3 – HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Appearance: Pale yellow transparent gel
Physical State: Gel
Odor: Light to negligible petroleum solvent
Hazards of Product: Combustible Material

Eye - May cause mild eye irritation. Symptoms include stinging, tearing and redness.

Skin - may cause mild irritation. Prolonged or repeated contact may dry the skin. Symptoms include redness, burning, drying, cracking of the skin and skin burns. This material may pass into the body through the skin. It is unlikely that this would result in harmful effects during safe handling and use.

Swallowing - Swallowing large amounts may be harmful.

Inhalation - Breathing of vapor is possible. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits. (See section 8.)

3.2 POTENTIAL HEALTH EFFECTS

EFFECTS OF SINGLE ACUTE OVEREXPOSURE:

Nausea, headache, confusion, instability, weakness, fatigue, vomiting diarrhea, irritation of eyes and chest

CHRONIC, PROLONGED OR REPEATED OVEREXPOSURE:

Nausea, headache, confusion, instability, weakness, fatigue, vomiting diarrhea, irritation of eyes and chest

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: skin, lung (for example, asthma-like conditions.)

3.3 POTENTIAL ENVIRONMENTAL EFFECTS: n/a

SECTION 4 – FIRST AID PROCEDURES

4.1 INHALATION: If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

4.2 EYE CONTACT: Move from exposure. Wash eyes liberally with water for 15 minutes or more. If symptoms persist or there is any visual difficulty, seek prompt medical attention.

4.3 SKIN CONTACT: Remove contaminated clothing, Wash exposed area with soap and water. Apply hand cream to affected areas to minimize drying of skin. If symptoms persist, seek prompt medical attention. Launder contaminated clothing before reuse.

4.4 SWALLOWING: Call Physician or Poison Control Center immediately. Do not induce vomiting unless so advised by a physician, medical facility or poison control center. (Aspiration Hazard.) If individual is drowsy or unconscious, do not give anything by mouth. If possible, do not leave individual unattended.

4.2 NOTES TO PHYSICIAN: This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (see section 3 - Swallowing,) when deciding whether to induce vomiting.

SECTION 5 - FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Identification Number:	UN 1263 Class 3, Paint Related Material PG III Flammable
Flash Point – Closed Cup:	135° F (57° C)
Flash Point – Open Cup:	n/a
Auto-Ignition Temperature:	n/a
Flammable Limits in Air:	LEL 0.7%, UEL 6.0%

5.2 EXTINGUISHING MEDIA Regular Foam, Carbon Dioxide, Dry Chemical

5.3 EXTINGUISHING MEDIA TO AVOID Water

5.4 SPECIAL FIRE FIGHTING PROCEDURES n/a

5.5 SPECIAL PROTECTIVE

EQUIPMENT FOR FIREFIGHTERS Wear a self contained breathing apparatus with a full-face piece operated in the positive pressure demand mode with appropriate turnout gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

5.6 UNUSUAL FIRE AND EXPLOSION HAZARDS n/a

5.7 HAZARDOUS COMBUSTION PRODUCTS
May form: Carbon Dioxide (CO₂), Carbon Monoxide (CO), and various hydrocarbons.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Eliminate all sources of ignition, such as flares, flames, (including pilot lights,) and electrical sparks. Clean up small spills with rags or paper towels. Place into airtight metal container for disposal.

SECTION 7 – HANDLING AND STORAGE

7.1 GENERAL HANDLING: Avoid contact with skin. Use exhaust fan to remove vapors and assure adequate cross ventilation. Do not use near heat, sparks or flame.

7.2 STORAGE: Keep containers closed when not in use. Store containers in a dry well-ventilated area. Keep from heat, sparks or flame. KEEP OUT OF THE REACH OF CHILDREN.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 EXPOSURE LIMITS: Not Established

8.2 PERSONAL PROTECTION:

Respiratory Protection: Not required if adequate cross ventilation is maintained.
Ventilation: Use a local exhaust fan along with fresh air source to avoid vapor buildup
Eye Protection: Use OSHA approved chemical splash goggles with side shields
Protective Gloves: Wear resistant (Rubber or vinyl) gloves to minimize skin contact.
Other Protective Equipment: Body protection suitable for the work environment

8.3 ENGINEERING CONTROLS: n/a

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Gel
Appearance: Pale yellow transparent gel
pH: n/a
Solubility in Water (by weight): Negligible < 5%
Odor: Light to negligible petroleum solvent
Flash Point – Closed Cup: 135° F (57° C)
Flash Point – Open Cup: n/a
Percent Volatiles: 55% - VOC = 417g/l
Boiling Point (760mm Hg): 350 - 425° F (180° - 220° C)
Freezing Point: n/a
Specific Gravity (H₂O = 1): 0.90 @ 25°C
Vapor Pressure at 20°C: n/a
Vapor Density (air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Melting Point: n/a

Section 10 – STABILITY AND REACTIVITY

10.1 STABILITY / INSTABILITY	Stable under ordinary conditions of use and storage
Conditions to Avoid	Keep from heat, open flame and sources of ignition
Incompatible Materials	Avoid contact with: excessive heat, strong oxidizing agents
10.2 HAZARDOUS POLYMERIZATION	Will not occur
10.3 INHIBITORS / STABILIZERS	n/a

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	ACUTE TOXICITY: LD 50 Data Petroleum Naphtha (CAS# 64742-48-9) Oral LD (rat): >2000mg/kg Dermal LD (rat): >2000mg/kg
CHRONIC TOXICITY:	n/a

SECTION 12 – ECOLOGICAL INFORMATION

12.1 ENVIRONMENTAL FATE	n/a
12.2 ECOTOXICITY	n/a
12.3 FURTHER INFORMATION	n/a

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 WASTE DISPOSAL METHOD	Dispose of in accordance with local, state and federal regulations
13.2 DISPOSAL CONSIDERATIONS	Keep from heat, open flame, sparks and sources of ignition

SECTION 14 – TRANSPORTATION INFORMATION

U.S. D.O.T	Ground Transportation: Not Regulated Ocean Transportation: UN 1263, Paint Related Material, Class 3, PG III, Limited Quantity DO NOT SHIP via air freight without special packaging and labeling. Contact your air carrier for detailed instructions.
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SECTION 15 – REGULATORY INFORMATION

15.1 FEDERAL / NATIONAL	n/a
15.2 STATE / LOCAL	n/a
15.3 CANADA	n/a

SECTION 16 – OTHER INFORMATION

The information presented here is current as of the date of this Material Safety Data Sheet and is believed to be accurate but is not warranted to be, whether originating with the company or not. Since use of this information and the product are not under the control of Utrecht Manufacturing Corp., it is the user's obligation to determine conditions of safe use, in advance of use, and to carefully read the product label and follow all instructions for safe use of the product.