

00456-XXXX



## MATERIAL SAFETY DATA SHEET

**Product Name:** Gamblin Oil Painting Mediums  
**Revision Date:** 3/1/11

### SECTION 1: PRODUCT AND COMPANY INFORMATION

#### PRODUCT

**Product Name:** Gamblin Oil Painting Mediums, including:

- Galkyd
- Galkyd Lite
- Galkyd Gel
- Galkyd Slow Dry
- Neo Megilp

**Product Description:** Alkyd Resin/Petroleum Solvent Mixture

**Intended Use:** To mix with artists oil colors to modify working properties. This material should not be used for any other purpose without expert advice.  
**KEEP OUT OF REACH OF CHILDREN.**

#### COMPANY

Gamblin Artists Colors Company  
P.O. BOX 15009  
Portland, OR 97293

**24 Hour Health Emergency  
Product Technical Information  
Supplier General Contact**

**Local emergency room  
503-235-1945 x12  
503-235-1945**

### SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	OSHA PEL	Supplier Rec.	EU HSPA
Alkyd Resin	8052-41-3	40-60	not hazardous		
Petroleum Distillates	Various	60-40	500 PPM	200 mg/m3	1200mg/m3

#### POTENTIAL HEALTH EFFECTS

Repeated exposure may cause skin dryness or cracking. If swallowed, may be aspirated and cause lung damage. Excessive and unusual exposure may be irritating to the eyes, nose, throat, and lungs.

**NFPA Hazard ID:** Health: 2                      Flammability: 2                      Reactivity: 0  
**HMIS Hazard ID:** Health: 2                      Flammability: 2                      Reactivity: 0

These are reportable chemicals under 40 CFR 372. SARA Title III Section 313

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**SECTION 3: HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW:**

This material is considered to be hazardous according to regulations

**ROUTES OF ENTRY:** Eye contact, ingestion, inhalation, or skin contact

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**POTENTIAL HEALTH EFFECTS**

**EYES:** Eye contact may cause redness or irritation

**SKIN:** Skin Contact: May cause rash, cracking, dryness, or deflating of the skin

**INGESTION:** Ingestion: Nausea, gastrointestinal irritation, or vomiting

**INHALATION:** Dizziness, nausea, headache, and possible nervous system depression

**ACUTE HEALTH HAZARDS:** If swallowed, may be aspirated and cause lung damage

**CHRONIC HEALTH HAZARDS:** Skin contact may aggravate existing dermatitis

**CARCINOGENICITY**

OSHA: None

ACGIH: None

NTP:None

IARC:None

OTHER: None

**SECTION 4: FIRST AID MEASURES**

**EYES:** Wash with clean water for at least 15 minutes. If irritation persists, get medical attention

**SKIN:** In case of skin contact, wash skin thoroughly with soap and water. In case of skin contact, wash skin thoroughly with soap and water.

**INGESTION:** Do not induce vomiting. Give water or milk to drink, get medical attention.

**INHALATION:** If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen if available

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** If ingested material may be aspirated into the lungs and cause chemical pneumonia. Treat appropriately

**SECTION 5: FIRE-FIGHTING MEASURES**

**FLAMMABLE LIMITS IN AIR, UPPER:** 6.0  
(% BY VOLUME)                      **LOWER:** 0.6

**FLASH POINT:**

Galkyd Lite 138 degree F, 58.9 C

Galkyd 136 degree F, 57.8 C

Galkyd Gel 147 degree F, 63.9 C

Galkyd Slow Dry 142 degree F, 61.1 C

Neo Megilp 137 degree F, 58.3 C

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**Galkyd Painting Mediums 3/1/11****AUTOIGNITION TEMPERATURE:**

F: 446  
C: 230

**NFPA HAZARD CLASSIFICATION**

HEALTH: 1                      FLAMMABILITY: 2                      REACTIVITY: 0  
OTHER: None

**HMIS HAZARD CLASSIFICATION**

HEALTH: 1                      FLAMMABILITY: 2                      REACTIVITY: 0  
PROTECTION: N/D

**EXTINGUISHING MEDIA:** Use water fog. In case of skin contact, wash skin thoroughly with soap and water. In case of skin contact, wash skin thoroughly with soap and water. foam, dry chemical or carbon dioxide (CO2) to extinguish flames.

**SPECIAL FIRE FIGHTING PROCEDURES:** Combustible. Evacuate area. Prevent runoff from fire control or dilution  
From entering streams, sewers, or drinking water supplies. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**HAZARDOUS COMBUSTION PRODUCTS:** Smoke, Fume, Incomplete combustion products. Oxides of carbon.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Steps to be taken in Case of Material Spill:** Remove all sources of ignition. Soak up spill with absorbent materials.

**Waste Disposal Method:** Rags and other absorbent materials should be immersed in water. Small amounts can be dried and disposed of as regular trash

**SECTION 7: HANDLING AND STORAGE**

Precautions to be taken in handling and storage: Store away from high temperatures, sparks, or open flame. Read and observe all precautions on the product label.

**OTHER PRECAUTIONS:**

Wash hands after use. Immerse contaminated rags in water

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Respiratory Protection:** Use supplied air respiratory protection in confined or enclosed spaces, if needed.

**Ventilation:** Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in the air. No smoking, flame, or other ignition sources.

**Protective Gloves:** Use chemical resistant gloves, if needed, to avoid prolonged or repeated skin contact.

**Eye Protection:** Safety glasses if eye contact is likely; eyewash fountain should be accessible.

**ENGINEERING CONTROLS:** The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

**VENTILATION :** Adequate ventilation should be provided so that exposure limits are not exceeded.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Chemical resistant clothing is recommended.

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**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking.

**EXPOSURE GUIDELINES:** Naphtha(Petroleum)Hydrotreated Heavy, Vapor: Limit 1200 mg/m<sup>3</sup>. 196 ppm.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Amber

**ODOR:** Characteristic Hydrocarbon solvent

**PHYSICAL STATE:** Liquid or gel

**BOILING POINT:**

F: 318-390

C: 159-199

**MELTING POINT:N/D**

F:

C:

**FREEZING POINT:N/D**

F:

C:

**VAPOR PRESSURE (mmHg):** <0.1kPa

@20 C

**VAPOR DENSITY (AIR = 1):** 5

@ 101kPa (calculated)

**SPECIFIC GRAVITY (H2O = 1):** .8-.9

**EVAPORATION RATE (n-butyl acetate =1):** 0.2

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)**

**SOLUBILITY IN WATER:** Negligible

**PERCENT SOLIDS BY WEIGHT:** 50-60

**PERCENT VOLATILE:**

BY WT/ BY VOL @ 50-60

**VOLATILE ORGANIC COMPOUNDS (VOC):** <450 g/l

**MOLECULAR WEIGHT:** N/A

**VISCOSITY:** N/A

**SECTION 10: STABILITY AND REACTIVITY**

**STABLE**      yes

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**STABILITY:** Material is stable under normal conditions.

**CONDITIONS TO AVOID (STABILITY):** avoid heat, sparks, open flames and other ignition sources.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Material does not decompose at ambient temperatures.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID (POLYMERIZATION):** N/A

**SECTION 11: TOXICOLOGICAL INFORMATION:**

**TOXICOLOGICAL INFORMATION:** Inhalation: Minimally Toxic. Ingestion: LD50> 10000 mg/m<sup>3</sup>, Minimally toxic. Skin: LD50> 3160, Mildly irritating to skin with prolonged exposure.

**SECTION 12: ECOLOGICAL INFORMATION****ECOLOGICAL INFORMATION:**

**Ecotoxicity:** May cause long term adverse effects in the aquatic environment.

**Mobility:** Highly volatile, will partition rapidly to air. Not expected to partition to sediment and wastewater solids.

**PERSISTENCE AND MOBILITY**

**Biodegradation:** Expected to be inherently biodegradable.

**Hydrolysis:** Transformation due to hydrolysis is not expected to be significant.

**Photolysis:** Transformation due to photolysis is not expected to be significant.

**Atmospheric:** Expected to degrade rapidly in air.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at the time of disposal.

At the time of disposal.

**WASTE DISPOSAL METHOD:**

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

**RCRA HAZARD CLASS:**

**RCRA information:** Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by Toxicity Characteristics Leaching Procedures (TCLP). Potential RCRA characteristics: IGNITABILITY.

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**EMPTY CONTAINER WARNING:**

Empty containers may contain residue and can be dangerous. Do not attempt to clean container without proper instructions. to clean container without proper instructions. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified to clean container without proper instructions or licensed contractor to clean container without proper instructions and in accordance with governmental regulations. **DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.**

**SECTION 14: TRANSPORT INFORMATION****U.S. DEPARTMENT OF TRANSPORTATION****PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.****HAZARD CLASS: COMBUSTIBLE LIQUID****ID NUMBER: 1268****PACKING GROUP: 111****ERG NUMBER: 128****LABEL: NONE****TRANSPORT DOCUMENT NAME: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID,PG111****WATER TRANSPORTATION****PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.****HAZARD CLASS: 3****EMS NUMBER: F-E, S-E****UN NUMBER: 1268****PACKING GROUP: 111****LABEL : 3****TRANSPORTATION DOCUMENT NAME; PETROLEUM DISTILLATES, N.O.S.,3, PG 111,(40°C cc)****Gamsol  
2010****13 August****AIR TRANSPORTATION****PROPER SHIPPING NAME: PETROLEUM DISTILLATES, N.O.S.****HAZARD CLASS: 3****UN NUMBER: 1268****PACKING GROUP: 111****LABEL/MARK:****TRANSPORTATION DOCUMENT NAME; UN 1268, PETROLEUM DISTILLATES, N.O.S. 3, PG 111****SECTION 15: REGULATORY INFORMATION****U.S. FEDERAL REGULATIONS****TSCA (TOXIC SUBSTANCE CONTROL ACT):**

Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by Toxicity Characteristics Leaching Procedures (TCLP). Potential RCRA characteristics: **IGNITABILITY**

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):**

This material is not subject to ant special reporting.

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**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):****311/312 HAZARD CATEGORIES: Fire****313 REPORTABLE INGREDIENTS: None****STATE REGULATIONS: None found****INTERNATIONAL REGULATIONS: None found****SECTION 16: OTHER INFORMATION****OTHER INFORMATION: N/D = Not determined, N/A= Not Applicable****PREPARATION INFORMATION:****DISCLAIMER: The information contained herein is based on the data available to use and is believed to be correct.****However, Gamblin Artists Colors Co. makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Gamblin assumes no responsibility for injury from the use of the product described herein.**

**00456**

**Galkyd**

**1004, 1015, 1106, 1107**

**Galkyd Lite**

**1003, 1005, 1116, 1117**

**Galkyd Gel**

**1024**

**Galkyd Slow Dry**

**1103, 1105, 2106**

**Neo Megilp**

**1603, 1605, 1606**