

SAFETY DATA SHEET: Galkyd, Galkyd Lite, Galkyd Gel, Galkyd Slow Dry, Neo Megilp
REVISED: 8/1/2015



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Galkyd
Galkyd Lite
Galkyd Gel
Galkyd Slow Dry
Neo Megilp
Product Description: Alkyd Resin/Petroleum Solvent Mixture
Intended Use: To mix with artists oil paints to modify working properties

COMPANY

Company Name: Gamblin Artists Colors
Company Address: 323 SE Division Pl.
Portland, OR 97202
USA
Company Phone: 503-235-1945
Emergency Phone: Local Emergency Room

SECTION 2: HAZARDS IDENTIFICATION

GHS LABELING

GHS Classification: Flammable liquid Category 2
Aspiration toxicant Category 2

GHS Pictogram(s):



Signal Word: Danger

HAZARDS

Hazard Statements:
H227 Combustible liquid
H304 May be fatal if swallowed and enters airways

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Precautionary Statements:

P210 Keep away from flames and hot surfaces. -- No smoking
 P280 Wear protective gloves and eye / face protection
 P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P331 Do NOT induce vomiting
 P370 + P378 In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO2) to extinguish
 P403 + P235 Store in a well-ventilated place. Keep cool
 P405 Store locked up
 P501 Dispose of contents and container in accordance with local regulations

Potential Health Effects:

Eyes May cause redness or irritation
 Skin May cause rash, cracking, dryness, or deflating of the skin
 Ingestion May cause nausea, gastrointestinal irritation, or vomiting
 Inhalation May cause 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

Environmental Hazards:

No significant hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS# | Concentration (%) [*] | GHS Hazard Codes | Supplier Rec. | EU HSPA |
|-----------------------|-----------|--------------------------------|------------------|-----------------------|------------------------|
| Alkyd Resin | 8052-41-3 | 40-60 | Not hazardous | N/A | N/A |
| Petroleum Distillates | Various | 60-40 | H227, H304 | 200 mg/m ³ | 1200 mg/m ³ |

^{*}As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

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

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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

FIRE FIGHTING

Extinguishing Media: Use water fog, 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.

FLAMMABILITY PROPERTIES

Flammable Limits in Air:

Upper 6.0% by volume
 Lower 0.6% by volume

NFPA Hazard Classification:

Health 1
 Flammability 2
 Reactivity 0
 Other N/A

HMIS Hazard Classification:

Health 1
 Flammability 2
 Reactivity 0
 Protection N/D

| Product | : | Flash Point: | Autoignition Temperature: |
|-----------------|----------|---------------------|----------------------------------|
| Galkyd | : | 136°F 57.8°C | 446°F 230°C |
| Galkyd Lite | : | 138°F 58.9°C | 446°F 230°C |
| Galkyd Gel | : | >158°F >70°C | 446°F 230°C |
| Galkyd Slow Dry | : | >158°F >70°C | 446°F 230°C |
| Neo Megilp | : | >158°F >70°C | 446°F 230°C |

SECTION 6: ACCIDENTAL RELEASE MEASURES

Material Spill Steps: Remove all sources of ignition
 Soak up spill with absorbent materials

Waste Disposal: 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: Store away from high temperatures, sparks, or open flame
 Read and observe all precautions on the product label
 Wash hands after use

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Immerse contaminated rags in water

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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

- Ventilation:** Adequate ventilation should be provided so that exposure limits are not exceeded.
- Hygiene:** 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/m³. 196 ppm
- Other:** Chemical resistant clothing is recommended.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

- Physical State:** Liquid or gel
- Form:** Clear
- Color:** Amber
- Odor:** Characteristic hydrocarbon solvent
- Odor Threshold:** N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

- Boiling Point:** 318-390°F 159-199°C
- Melting Point:** N/D
- Freezing Point:** N/D
- Vapor Pressure:** <0.1kPa @ 20°C (mmHg)
- Vapor Density:** (AIR = 1): 5 @ 101 kPa (calculated)
- Specific Gravity:** (H₂O = 1): 0.8-0.9
- Evaporation Rate:** (n-butyl acetate =1): 0.2
- Solubility in Water:** Negligible
- Solids by Weight:** 50-60%
- Volatile:** By WT/By VOL @ 50-60 Volatile Organic Compound (VOC): <450g/l
- Molecular Weight:** N/A
- Viscosity:** N/A

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| | | | |
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| | Neo Megilp | >158°F | >70°C |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Material is stable under normal conditions |
| Conditions to Avoid: | Avoid heat, sparks, open flames and other ignition sources |
| Materials to Avoid: | Strong oxidizers |
| Hazardous Decomposition or Bi-Products: | Material does not decompose at ambient temperatures |
| Possibility of Hazardous Reactions: | Hazardous polymerization will not occur |

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

| | |
|--------------------|--|
| Inhalation: | Minimally Toxic |
| Ingestion: | LD50> 10000 mg/m ³ , minimally toxic |
| Skin: | LD50> 3160, mildly irritating to skin with prolonged exposure |
| Eye: | Serious Eye Damage/Irritation: May cause mild, short-lasting discomfort to eyes. |
| Based | on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 405 |

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

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NOTE: 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.

- Waste Disposal:** 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 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.
- Empty Container:** Empty containers may contain residue and can be dangerous. Do not attempt to clean container without proper instructions. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor 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

LAND (DOT)

Proper Shipping Name: Petroleum distillates, N.O.S.
Hazard Class: Combustible liquid
ID Number: 1268
Packing Group: 111
ERG Number: 128
Label(s): None
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

SEA (IMDG)

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
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III, (40°C cc)

AIR (IATA)

Proper Shipping Name: Petroleum distillates, N.O.S.
Hazard Class: 3
UN Number: 1268
Packing Group: 111
Label(s): None
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

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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 special reporting.

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

N/D = Not determined, N/A = Not applicable

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Updates made in accordance with implementation of GHS requirements.

The information and recommendations contained herein are, to the best of Gamblin's knowledge and belief, accurate and reliable, but it is not warranted to be. You can contact Gamblin to ensure that this document is the most current available. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use and it is the user's responsibility to carefully read the product label and follow instructions for safe use of the product.