



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

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

:

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

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.

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/m³. 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

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/m³, 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.

EMPTY CONTAINER WARNING:

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 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.

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.