



00456-0019

Safety Data Sheet

Neo Megilp, Galkyd Gel

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Neo Megilp	Manufacturer	Gamblin Artists Colors
Recommended Use	Mixing agent for artists' oil colors	Address	323 SE Division Pl Portland, OR 97202
Restrictions on Use	Keep out of reach of children	Telephone	(503) 235-1945
Emergency Contact / Number	Urgent Care / Emergency Room		

SECTION 2: HAZARD IDENTIFICATION

Hazards

Flammable liquid

Category 4, Combustible liquid

WARNING

Precautionary Statements

Prevention

Keep away from heat, sparks, open flames and hot surfaces. No smoking. Wear protective gloves and clothing, eye and face protection.

Response

In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.

Disposal

Dispose of contents and container to an approved waste disposal plant.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Petroleum naphtha	64742-48-9	40 – 60

SECTION 4: FIRST AID MEASURES

First Aid Treatment

Eye Contact

Flush thoroughly with water. If irritation persists, get medical attention.

Skin Contact

In case of skin contact, wash skin thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

Ingestion

Do not induce vomiting. Give water or milk to victim if conscious; get medical attention.

Inhalation

Move victim to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. Start resuscitation if victim is overcome and call a physician immediately.

Most Important Symptoms / Effects

Eye

May cause redness or irritation

Skin

May cause rash, cracking or dryness

Inhalation

May cause dizziness, nausea, headache, and possible central nervous system (cns) depression

Ingestion

May cause nausea, gastrointestinal irritation or vomiting

Chronic Exposure

Repeated or prolonged skin contact may aggravate existing dermatitis

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Persistent eye or skin irritation, ingestion, difficulty in breathing, unconsciousness or respiratory distress. Aspirated material may cause chemical pneumonia.

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SECTION 5: FIREFIGHTING MEASURES**Suitable and Unsuitable Extinguishing Media**

Use fire-fighting techniques such as water fog, foam, dry chemical or carbon dioxide (CO₂). Use a water spray to cool fire-exposed containers, structures and to protect personnel.

Specific Hazards Arising from the Chemical

Burning material may produce toxic smoke, fumes and vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.

Specific Protective Equipment and Precautions for Fire-Fighters

Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

Methods for Cleaning Up

Do not discharge to the environment. Soak up with absorbent materials. Small spills can be evaporated and absorbent disposed of in trash. Larger spills should be transferred to labeled containers for recovery or safe disposal.

SECTION 7: HANDLING AND STORAGE**Handling**

Avoid contact with eyes or prolonged skin contact. Keep away from food and beverages. Open container slowly to control possible pressure release. Prevent or clean up small spills and leakage to avoid slip hazard. Always observe good personal hygiene such as washing after handling the material and before eating, drinking or smoking. Routinely wash work clothing and protective equipment. Practice good housekeeping.

Empty containers may contain residue and can still be hazardous. Empty containers should be allowed evaporate solvent and then may be disposed in regular trash.

Storage

Keep containers closed when not in use. Store in a cool, well-ventilated area. Use original or other childproof, compatible container.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**Exposure Limits**

Component Name
Petroleum naphtha

ACGIH
Not Established

OSHA
100 ppm (TWA)

Engineering Controls

Use appropriate ventilation to maintain airborne concentration limits below exposure limits.

Protective Equipment

Wear safety glasses; other equipment will vary based on potential exposure conditions.

Respiratory Protection

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.

General Hygiene

Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Amber liquid or gel	Flash Point (PMCC)	158 °F
Specific Gravity (Water=1)	0.8 – 0.9	Upper Flammability Limits	Not Determined
Evaporation Rate (n-butyl acetate = 1)	0.2	Lower Flammability Limits	Not Determined
pH	Not Applicable	Auto-ignition Temperature	446 °F (230 °C)
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Characteristic hydrocarbon	Vapor Pressure (kPa@20 °C)	< 0.1
Odor Threshold	Not Determined	Vapor Density (Air=1)	5
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	318 – 390 °F (159 – 199 °C)	Viscosity	Not Determined
Initial Boiling Point	318 °F (159 °C)	Temperature	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive at normal storage and use conditions
Chemical Stability: Stable at normal storage and use conditions
Possibility of Hazardous Reactions: Will not occur under normal conditions
Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources
Incompatible Materials: Strong oxidizers
Hazardous Decomposition Products: Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Product can cause mild eye or skin irritation depending on length and degree of exposure. Repeated exposure may cause skin dryness or cracking. Inhalation of vapors above recommended levels may cause respiratory system irritation or CNS depression. Ingestion may irritate the mouth, throat and stomach.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Cardiogenicity

No components of this product above the declaration level of 0.1% have been identified by IARC, OSHA or NTP as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	May cause long term adverse effects in the aquatic environment	Degradability	Expected to be readily biodegradable
Mobility	Highly volatile, will partition rapidly to air; not expected to partition to sediment and waste-water solids.	Bioaccumulation	Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations. Disposal recommendations based on material as supplied. 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. 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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SECTION 14: TRANSPORT INFORMATION

DOT Information UN1268, Petroleum Distillates, N.O.S., Combustible Liquid, Class 3, PG III

SECTION 15: REGULATORY INFORMATION

Inventory Listings All components are listed on the TSCA inventory
SARA 311/312 Reporting Categories Flammable, acute, chronic hazard
SARA 313 Reportable Ingredients None at levels above reporting limits

SECTION 16: OTHER INFORMATION

HMIS 1-2-0
NFPA 1-2-0

Department Issuing SDS Health and Safety

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.



Safety Data Sheet


Galkyd Lite

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name	Galkyd Lite	Manufacturer	Gamblin Artists Colors
Recommended Use	Mixing agent for artists' oil colors	Address	323 SE Division Pl Portland, OR 97202
Restrictions on Use	Keep out of reach of children	Telephone	(503) 235-1945
Emergency Contact / Number	Urgent Care / Emergency Room		

SECTION 2: HAZARD IDENTIFICATION

Hazards

Flammable liquid	Category 4, Combustible liquid	WARNING 
Skin Corrosion / Irritation	Category 2, Causes skin irritation	
Aquatic chronic toxicity	Category 3, Toxic to aquatic life with long lasting effects	
Specific Target Organ Toxicity -single exposure (CNS)	Category 3, May cause drowsiness or dizziness	

Precautionary Statements

Prevention:	Keep away from flames and hot surfaces. No smoking. Wear protective gloves, eye and face protection. Wash hands and exposed areas thoroughly after handling. Avoid breathing fumes or vapors. Use only outdoors or in a well-ventilated area.
Response:	In case of fire: Use water mist, dry chemical or CO2 to extinguish. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. If on skin: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
Storage:	Store in a locked, well ventilated place. Keep cool. Keep container tightly closed.
Disposal:	Dispose of contents and container in accordance with all regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Petroleum naphtha	64742-48-9	40 - 60
Alkyd resin		40 - 60
Safflower Oil*	8001-23-8	10 - 20
*Galkyd Slow Dry only		

SECTION 4: FIRST AID MEASURES

First Aid Treatment

Eye Contact:	Flush thoroughly with water. If irritation persists, get medical attention.
Skin Contact:	In case of skin contact, wash skin thoroughly with soap and water. Remove contaminated clothing and launder before reuse.
Ingestion:	Do not induce vomiting. Give water or milk to victim if conscious; get medical attention.
Inhalation:	Move victim to fresh air. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. Start resuscitation if victim is overcome and call a physician immediately.
Most Important Symptoms / Effects	
Eye:	May cause redness or irritation
Skin:	May cause rash, cracking or dryness
Inhalation:	May cause dizziness, nausea, headache, and possible central nervous system (cns) depression
Ingestion:	May cause nausea, gastrointestinal irritation or vomiting
Chronic Exposure:	Repeated or prolonged skin contact may aggravate existing dermatitis

Indication of Immediate Medical Attention and Special Treatment, If Necessary

Galkyd Lite

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Persistent eye or skin irritation, ingestion, difficulty in breathing, unconsciousness or respiratory distress. Aspirated material may cause chemical pneumonia.

SECTION 5: FIREFIGHTING MEASURES**Suitable and Unsuitable Extinguishing Media**

Use fire-fighting techniques such as water fog, foam, dry chemical or carbon dioxide (CO₂). Use a water spray to cool fire-exposed containers, structures and to protect personnel.

Specific Hazards Arising from the Chemical

Burning material may produce toxic smoke, fumes and vapors in a fire. Closed containers may rupture or explode when exposed to extreme heat.

Specific Protective Equipment and Precautions for Fire-Fighters

Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.

Environmental Precautions

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

Methods for Cleaning Up

Do not discharge to the environment. Soak up with absorbent materials. Small spills can be evaporated and absorbent disposed of in trash. Larger spills should be transferred to labeled containers for recovery or safe disposal.

SECTION 7: HANDLING AND STORAGE**Handling**

Avoid contact with eyes or prolonged skin contact. Keep away from food and beverages. Open container slowly to control possible pressure release. Prevent or clean up small spills and leakage to avoid slip hazard. Always observe good personal hygiene such as washing after handling the material and before eating, drinking or smoking. Routinely wash work clothing and protective equipment. Practice good housekeeping.

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. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Storage

Keep containers closed when not in use. Store in a cool, well-ventilated area. Use original or other childproof, compatible container.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**Exposure Limits****Component Name**

Petroleum naphtha

ACGIH

Not Established

OSHA

500 ppm

EU HSPA1,200 mg/m³**Engineering Controls**

Use appropriate ventilation to maintain airborne concentration limits below exposure limits.

Protective Equipment

Wear safety glasses; other equipment will vary based on potential exposure conditions.

Respiratory Protection

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.

General Hygiene

Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

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Galkyd Lite

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Amber liquid or gel	Flash Point (PMCC)	149 °F
Specific Gravity (Water=1)	0.8 – 0.9	Upper Flammability Limits	Not Determined
Evaporation Rate (ether = 1)	<1	Lower Flammability Limits	Not Determined
pH	Not Applicable	Auto-ignition Temperature	446 °F
Solubility in Water	Negligible	Decomposition Temperature	Not Determined
Odor	Characteristic hydrocarbon	Vapor Pressure (kPa@68 °F)	< 0.1
Odor Threshold	Not Determined	Vapor Density (Air=1)	5
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity	Not Determined
Initial Boiling Point	Not Determined	Temperature	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive at normal storage and use conditions
Chemical Stability: Stable at normal storage and use conditions
Possibility of Hazardous Reactions: Will not occur under normal conditions
Conditions to Avoid: Avoid heat, sparks, open flames and other ignition sources
Incompatible Materials: Strong oxidizers
Hazardous Decomposition Products: Not Applicable

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects

Product can cause mild eye or skin irritation depending on length and degree of exposure. Repeated exposure may cause skin dryness or cracking. Inhalation of vapors above recommended levels may cause respiratory system irritation or CNS depression. Ingestion may irritate the mouth, throat and stomach.

Chronic Toxicity Effects

Long term or repeated exposure may aggravate any acute symptoms.

Carcinogenicity

No components of this product above the declaration level of 0.1% have been identified by IARC, OSHA or NTP as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Not Determined	Degradability	Not Determined
Mobility	Not Determined	Bioaccumulation	Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations. Disposal recommendations based on material as supplied. 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. 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.

SECTION 14: TRANSPORT INFORMATION

DOT Information Petroleum distillates, n.o.s. UN1268, PG III, Class 3

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SECTION 15: REGULATORY INFORMATION

Inventory Listings	All components are listed on the TSCA inventory
SARA 311/312 Reporting Categories	Flammable, acute, chronic hazard
SARA 313 Reportable Ingredients	None at levels above reporting limits

SECTION 16: OTHER INFORMATION

HMIS 1-2-0
 NFPA 1-2-0

Department Issuing SDS Health and Safety

Disclaimer

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SAFETY DATA SHEET: Cold Wax Medium
REVISED: 8/2/2015



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Cold Wax Medium
Product Description: Beeswax/Petroleum Solvent Mixture
Intended Use: To mix with artists oil paints to modify working properties.
 To use as a matte final surface for oil painting.
 To use as a matting agent for varnishes and painting mediums.

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 Category 4
 Health Category 1

GHS Pictogram(s):



Signal Word: Danger

HAZARDS

Hazard Statements:
 H227 Combustible
 H304 May be fatal if swallowed and enters airway.

Precautionary Statements:
 P210 Keep away from flames and hot surfaces. -- No smoking



SAFETY DATA SHEET: Cold Wax Medium
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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
P501 Dispose of contents and container in accordance with local regulations

Potential Health Effects:

Eyes, Nose, Throat, Lungs May be irritating
 Skin May cause rash, cracking, dryness, or deflating of the skin
 Ingestion May cause nausea, gastrointestinal irritation, or vomiting
 Inhalation N/A

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

NFPA Hazard ID: Health 1 Flammability 2 Reactivity 0
 HMIS Hazard ID: Health 1* Flammability 2 Reactivity 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration (%)*	GHS Hazard Codes	Supplier Rec.	EU HSPA
Alkyd Resin	Proprietary	5-15	H227, H304	N/A	N/A
Petroleum Distillates	Various	40-60	H227, H304	200 mg/m3	1200 mg/m3
Beeswax	8012893	40-60	none	N/A	N/A

*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.

Unusual Fire Hazards: Combustible

Hazardous Combustion Products:

Smoke, Fume, Incomplete combustion products. Oxides of carbon.

FLAMMABILITY PROPERTIES

Flammable Limits in Air:

Upper 5.3% by volume
 Lower 0.7% by volume

Flash Point: >158°F 70°C

Autoignition Temperature:

635°F 335°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
 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

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Ventilation: needed.
 recommended Use only with ventilation sufficient to prevent exceeding 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: Semi-solid

Form: Paste

Color: White

Odor: Mild Petroleum

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

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

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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

HAZARD CLASS	CONCLUSION/REMARKS
Inhalation	
Acute Toxicity: (Rat) 8 hour(s) LC50 > 5000 mg/m3 (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401
Skin	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eye	
Serious Eye Damage/Irritation: Data available.	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
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406
Aspiration: Data available.	May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.
Germ Cell Mutagenicity: Data available.	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Tests equivalent or similar to OECD Guideline 471 473 474 476 478 479

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Carcinogenicity: Data available.	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity: Data available.	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413 422

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

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.

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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: III
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

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

SAFETY DATA SHEET: Cold Wax Medium
REVISED: 8/2/2015



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.

SAFETY DATA SHEET: Refined Linseed Oil, Cold Pressed Linseed Oil, Stand Oil
REVISED: 8/1/2015



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Refined Linseed Oil
Cold Pressed Linseed Oil
Stand Oil

Product Description: Refined linseed oil

Intended Use: To modify working properties of artist oil paints

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	None
	Health	None
GHS Pictogram(s):		None
Signal Word:		None

HAZARDS

Hazard Statements:	None
Precautionary Statements:	None
Hazard-Determining Components of Labelling:	None

ADDITIONAL

Repeated exposure may cause skin dryness or cracking.
Rags, steel wool, or waste soaked with product may spontaneously ignite if improperly handled or discarded.
No significant environmental hazards.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration (%)	GHS Hazard Codes	Supplier Rec.	EU HSPA
Linseed oil	8001-26-1	100	Not hazardous	N/A	N/A

SECTION 4: FIRST AID MEASURES

GENERAL INFORMATION: No special measures required.

Inhalation: Supply fresh air; consult doctor in case of complaints.

Skin contact: Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

Eye contact: Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

Ingestion: Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.

Symptoms and effects (both acute and delayed):

- Headache
- Gastric or intestinal disorders
- Cramping
- Dizziness
- Breathing difficulty
- Coughing
- Slight irritant effect on skin and mucous membranes
- Slight irritant effect on eyes

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

If swallowed, gastric irrigation with added, activated carbon.
 Medical supervision for at least 48 hours.
 If necessary oxygen respiration treatment.
 Treat skin and mucous membrane with antihistamine and corticoid preparations.
 In cases of irritation to the lungs, initial treatment with corticosteroid inhalants.

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Foam; Fire-extinguishing powder; Carbon dioxide; Gaseous extinguishing agents

Unsuitable extinguishing agents:

Water spray - Water with full jet

Protective Equipment and Precautions for Firefighters:

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As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazards Arising from the Chemical:

Risk of ignition. Rags and other materials containing this product may heat and spontaneously ignite, if exposed to air. Store wiping rags and similar materials in metal cans with tightly fitting lids. Cool closed containers exposed to fire with water spray. Formation of toxic gases is possible during heating or in case of fire.

Additional Information:

Cool endangered receptacles with water fog or haze.

FLAMMABILITY PROPERTIES

Flammable Limits in Air:

Upper N/D
 Lower N/D

NFPA Hazard Classification:

Health 0
 Flammability 1
 Reactivity 0
 Other N/A

HMIS Hazard Classification:

Health 0
 Flammability 1
 Reactivity 0
 Protection N/D

Product :

Refined Linseed Oil

Flash Point:

>500°F >260°C

Autoignition Temperature:

N/D N/D

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment:

Use respiratory protective device against the effects of fumes/dust/aerosol
 Ensure adequate ventilation
 Wear protective equipment
 Keep unprotected persons away
 Keep away from ignition sources
 Particular danger of slipping on leaked/spilled product

Environmental Precautions:

Do not allow to enter sewers or groundwater
 Prevent from spreading (e.g. by damming-in or oil barriers)

Methods and Materials for Containment and Clean-up:

Absorb with non-combustible liquid-binding material (sand, diatomite, acid binders, universal binders).
 Remove from the water surface (e.g. skim or suction off).
 Pick up mechanically.
 Send for suitably qualified recovery and/or disposal companies.
 Dispose of the collected material according to regulations.

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Used rags or other cleaning materials should be soaked with water and placed in a sealed container.

Additional Information:

Oil soaked materials may spontaneously combust.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

HANDLING

General:

Avoid the formation of oil haze.

Rags, metal wools / cuttings / shavings and waste papers soaked with product must be placed in a sealed metal container rated for flammable waste.

Information about fire- and explosion protection: Protect from heat.

Keep ignition sources away - Do not smoke.

Substance/product is ignitable under certain conditions.

STORAGE

Requirements to be met by storerooms and containers:

Avoid storage near extreme heat, ignition sources or open flame.

Information about storage in one common storage facility:

Store away from foodstuffs.

Do not store together with oxidizing and acidic materials.

Do not store together with textiles.

Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.

Avoid prolonged contact with air/oxygen.

Remove and wash contaminated clothing before re-use.

Store in well-ventilated place.

Keep away from open flames, hot surfaces and sources of ignition.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

Control parameters

Ingredients with limit values that require monitoring at the workplace: Not Required

8001-26-1 Linseed Oil

PEL (USA)

Short-term value: 15' 5" *mglm3*

'Total dust "Respirable fraction

OEL (Canada)

Short-term value: 10* 3" *mglm3*

'Mist "Respirable mist

TWA (Canada)

Short-term value: 10* 3" *mglm3*

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*Mist **Respirable mist

Respiratory Protection:

Use suitable respiratory protective device in case of insufficient ventilation. Use suitable respiratory protective device when aerosol or mist is formed. For spills, respiratory protection may be advisable.

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. The glove material has to be impermeable and resistant to the product. Selection of the glove material should be based on the penetration time, rates of diffusion and the degradation of the glove material.

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:

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
Form:	Clear
Color:	Yellow/Amber
Odor:	Slight vegetable oil
Odor Threshold:	N/D

IMPORTANT

HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point:	Decomposes before boiling
Melting Point:	N/D
Freezing Point:	N/D
Vapor Pressure:	N/D
Density at 20°C:	0.92-0.97 g/cm ³
Specific Gravity:	N/D
Evaporation Rate:	N/D
Solubility in Water:	N/D
Solids by Weight:	N/D
Volatile:	N/D

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Molecular Weight: N/D
Viscosity: N/D
Flash Point: >500°F >260°C

SECTION 10: STABILITY AND REACTIVITY

STABILITY

General: Slowly polymerizes when exposed to air.
Oxidizes rapidly and exothermically if large surface area is present.
May spontaneously combust under certain conditions.

Conditions to Avoid: Keep ignition sources away- Do not smoke.
Store away from oxidizing agents.
Avoid heat, sparks, open flames and other ignition sources

Materials to Avoid: No additional information is available.

Hazardous Decomposition or Bi-Products: Carbon monoxide and carbon dioxide

Possibility of Hazardous Reactions:
Possibility of hazardous reactions: Reacts with aldehydes.
Reacts violently with oxidizing agents.
Reacts with peroxides and other radical forming substances.
Reacts with inorganic acid chlorides.
Reacts with powdered metals.
Reacts with strong acids and alkali.
Self-igniting under certain conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Inhalation:

Ingestion:

Skin: Slight irritant effect on skin and mucous membranes.

Eye: Slight irritant effect on eyes.

Carcinogenic: Substance is not listed. (National Toxicology Program)

Repeated Dose Toxicity: Repeated exposure may cause skin dryness or cracking.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

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

Additional ecological information:

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Mobility: Do not allow large quantities of undiluted product to reach ground water, water course or sewage system.
 Highly volatile, will partition rapidly to air.
 Not expected to partition to sediment and wastewater solids.

PERSISTENCE AND MOBILITY

Biodegradation: Readily biodegradable.
Hydrolysis: Transformation due to hydrolysis is not expected to be significant.
Photolysis: Transformation due to photolysis is not expected to be significant.
Atmospheric: N/D

SECTION 13: DISPOSAL CONSIDERATIONS

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: Contact waste processors for recycling information.
 Can be burned with household garbage after consulting with the pertinent authorities and adhering to all the applicable regulations.
Uncleaned Packaging: Disposal must be made according to the applicable regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN-Number DOT, ADR, IMDG, IATA:
 Not Regulated
14.2 UN proper shipping name DOT; ADR; IMDG, IATA:
 Not Regulated
14.3 Transport hazard class(es) DOT; ADR; IMDG, IATA:
 Not Regulated
14.4 Packing group DOT, ADR, IMDG, IATA:
 Not Regulated
14.5 Environmental hazards: Marine pollutant:
 No
14.6 Special precautions for user:
 Not applicable
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
 Not applicable
UN "Model Regulation": -

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SECTION 15: REGULATORY INFORMATION

SARA

Section 355 (extremely hazardous substances):
Substance is not listed.

Section 313 (Specific toxic chemical listings):
Substance is not listed.

TSCA (Toxic Substances Control Act):
Substance is listed.

PROPOSITION 65 (CALIFORNIA)

Chemicals known to cause cancer:
Substance not listed.

Chemicals known to cause reproductive toxicity for females:
Substance not listed.

Chemicals known to cause reproductive toxicity for males:
Substance not listed.

Chemicals known to cause developmental toxicity:
Substance not listed

CARCINOGENIC CATEGORIES

EPA (Environmental Protection Agency):
Substance is not listed.

IARC (International Agency for Research on Cancer):
Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):
Substance is not listed.

OSHA-Ca (Occupational Safety & Health Administration):
Substance is not listed.

CANADIAN SUBSTANCE LISTING

Canadian Domestic Substances List (DSL):
Substance is listed.

Canadian Ingredient Disclosure list (limit 0.1%):
Substance is not listed.

Canadian Ingredient Disclosure list (limit 1%):
8001-26-1 Linseed oil.

SECTION 16: OTHER INFORMATION

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

Relevant phrases

H411: Toxic to aquatic life with long lasting effects.

R51153: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Abbreviations and Acronyms:

ADR:	Accord europeen sur Je transport des marchandlises dangereuses par Route (European agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
GHS:	Globally Harmonized System of Classification and Labelling of Chemicals
ACGJH:	American Conference of Governmental Industrial Hygienists
EINECS:	European Inventory of Existing Commercial Chemical Substances
ELINCS:	European List of Notified Chemical Substances
CAS:	Chemical Abstracts Service (division of the American Chemical Society)
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazardous Materials Identification System (USA)
DNEL:	Derived No-Effect Level (REACH)
PNEC:	Predicted No-Effect Concentration (REACH)
LC50:	Lethal concentration, 50 percent
LD50:	Lethal dose, 50 percent
Aquatic Chronic 2:	Hazardous to the aquatic environment- Chronic Hazard, Category 2
Aquatic Chronic 3:	Hazardous to the aquatic environment- Chronic Hazard, Category 3

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SAFETY DATA SHEET: Gamsol
REVISED: 8/1/2015



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Gamsol
Product Description: Odorless Mineral Spirits (OMS)
Intended Use: Artists' oil painting solvent. Intended for thinning oil colors, thinning oil painting mediums, grounds and varnishes, and for general brush clean-up.

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 4
Aspiration toxicant Category 1

GHS Pictogram(s):



Signal Word: Danger

HAZARDS

Hazard Statements:
H227 Combustible liquid
H304 May be fatal if swallowed and enters airways
Precautionary Statements:
P210 Keep away from flames and hot surfaces. -- No smoking
P280 Wear protective gloves and eye / face protection

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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

Physical/Chemical Hazards:

Material can accumulate static charges which may cause an ignition. Material can release vapors that readily form flammable mixtures. Vapor accumulation could flash and/or explode if ignited. Combustible.

Health Hazards:

Repeated exposure may cause skin dryness or cracking. May be irritating to the eyes, nose, throat, and lungs.

Environmental Hazards:

No significant hazards

NFPA Hazard ID: Health: 1 Flammability: 2 Reactivity: 0

HMIS Hazard ID: Health: 1¹ Flammability: 2 Reactivity: 0

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

This material is defined as a complex substance.

Hazardous Substance(s) or Complex Substance(s) required for disclosure

Chemical Name	CAS#	Concentration (%) ²	GHS Hazard Codes
Naphtha (petroleum), hydrotreated heavy	64742-48-9	100%	H227, H304

SECTION 4: FIRST AID MEASURES

Eyes: Flush thoroughly with water. If irritation occurs, get medical assistance.
Skin: Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Inhalation: Remove from further exposure. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. If respiratory irritation,

¹ All concentrations are percent by weight unless material is a gas. Gas concentrations are in percent by volume. Concentration values may vary.

² 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).

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Ingestion: dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation. Seek immediate medical attention. Do not induce vomiting.

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

Appropriate Extinguishing Media:

Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media:

Straight Streams of Water

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:

Oxides of carbon, Smoke, Fume, Incomplete combustion products.

Unusual Fire Hazards: Combustible.

FLAMMABILITY PROPERTIES

Flash Point [Method]: 62°C 144°F [ASTM D-93]

Flammable Limits (Approximate volume % in air):

LEL: 0.7 UEL:5.3

Autoignition Temperature:

335°C 635°F

SECTION 6: ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

General:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802.

PROTECTIVE MEASURES

General:

Avoid contact with spilled material. Warn or evacuate occupants in surrounding and downwind areas if required due to toxicity or flammability of the material. See Section 5 for fire fighting information.

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See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

For emergency responders:

Respiratory protection: half-face or full-face respirator with filter(s) for organic vapor and, when applicable, H₂S, or Self Contained Breathing Apparatus (SCBA) can be used depending on the size of spill and potential level of exposure. If the exposure cannot be completely characterized or an oxygen deficient atmosphere is possible or anticipated, SCBA is recommended. Work gloves that are resistant to aromatic hydrocarbons are recommended. Note: gloves made of polyvinyl acetate (PVA) are not water-resistant and are not suitable for emergency use. Chemical goggles are recommended if splashes or contact with eyes is possible. Small spills: normal antistatic work clothes are usually adequate. Large spills: full body suit of chemical resistant, antistatic material is recommended.

SPILL MANAGEMENT

Land Spill:

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements or confined areas. A vapor suppressing foam may be used to reduce vapors. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Large Spills: Water spray may reduce vapor; but may not prevent ignition in closed spaces. Recover by pumping or with suitable absorbent.

Water Spill:

Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Note:

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted.
Local regulations may prescribe or limit action to be taken.

SECTION 7: HANDLING AND STORAGE

HANDLING

General:

Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or ground procedures. However, bonding and grounds may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or

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National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

Loading/Unloading Temperature: [Ambient]
Transport Temperature: [Ambient]
Transport Pressure: [Ambient]
Static Accumulator:

This material is a static accumulator. A liquid is typically considered a nonconductive, static accumulator if its conductivity is below 100 pS/m (100x10E-12 Siemens per meter) and is considered a semiconductive, static accumulator if its conductivity is below 10,000 pS/m. Whether a liquid is nonconductive or semiconductive, the precautions are the same. A number of factors, for example liquid temperature, presence of contaminants, anti-static additives and filtration can greatly influence the conductivity of a liquid.

STORAGE

General:

The container choice, for example storage vessel, may effect static accumulation and dissipation. Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area. Storage containers should be grounded and bonded. Fixed storage containers, transfer containers and associated equipment should be grounded and bonded to prevent accumulation of static charge.

Storage Temperature: [Ambient]

Storage Pressure: [Ambient]

Suitable Containers/Packing:

Tankers; Tank Trucks; Railcars; Barges; Drums

Suitable Materials and Coatings (Chemical Compatibility):

Inorganic Zinc Coatings; Epoxy Phenolics; Teflon; Neoprene; Stainless Steel; Carbon Steel

Unsuitable Materials and Coatings:

Vinyl Coatings; Natural Rubber; Butyl Rubber; Ethylene-propylene-diene monomer (EPDM)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

Exposure Limits/Standards:

Substance Name	Form	Limit / Standard			Source
		TWA	400 mg/m ³	100 ppm	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	N/A	TWA	400 mg/m ³	100 ppm	OSHA Z1
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	Vapor	RCP - TWA	1200 mg/m ³	171 ppm	Manufacturer

Note: Exposure limits are not additive. Limits/standards shown for guidance only. Follow applicable regulations. No biological limits allocated.

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REVISED: 8/1/2015



ENGINEERING CONTROLS

Control measures to consider:

Adequate ventilation should be provided so that exposure limits are not exceeded. Use explosion-proof ventilation equipment.

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

PERSONAL PROTECTION

Note: Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage.

Respiratory Protection:

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include: Half-face filter respirator. For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection:

Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include: If prolonged or repeated contact is likely, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

Eye Protection:

If contact is likely, safety glasses with side shields are recommended.

Skin and Body Protection:

Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include: If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

Specific Hygiene Measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil.
Protect the environment by applying appropriate control measures to prevent or limit emissions.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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NOTE: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

GENERAL INFORMATION

Physical State: Liquid or gel
Form: Clear
Color: Colorless
Odor: Odorless
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Relative Density (at 15 °C): 0.765
Density (at 15 °C): 764 kg/m³ (6.38 lbs/gal, 0.76 kg/dm³)
Flammability (Solid, Gas): N/A
Flash Point [Method]: 62°C (144°F) [ASTM D-93]
Flammable Limits (Approximate volume % in air): LEL: 0.7 UEL: 5.3
Autoignition Temperature: 335°C (635°F)
Boiling Point / Range: 189°C (372°F) - 209°C (408°F)
Decomposition Temperature: N/D
Vapor Density (Air = 1): 5.6 at 101 kPa
Vapor Pressure: 0.041 kPa (0.31 mm Hg) at 20 °C
Evaporation Rate (n-butyl acetate = 1): 0.09
pH: N/D
Log Pow (n-Octanol/Water Partition Coefficient): N/D
Solubility in Water: Negligible
Viscosity: 1.56 cSt (1.56 mm²/sec) at 40 °C | 2.02 cSt (2.02 mm²/sec) at 25°C
Oxidizing Properties: See Hazards Identification Section.

OTHER INFORMATION

Freezing Point: N/D
Melting Point: N/D
Pour Point: -69°C (-92°F)
Molecular Weight: 162
Hygroscopic: No
Coefficient of Thermal Expansion: 0.00078 V/VDEGC

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: See sub-sections below.

STABILITY: Material is stable under normal conditions.

CONDITIONS TO AVOID: Avoid heat, sparks, open flames and other ignition sources.

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MATERIALS TO AVOID: Strong oxidizers

HAZARDOUS DECOMPOSITION 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

HAZARD CLASS	CONCLUSION/REMARKS
Inhalation	
Acute Toxicity: (Rat) 8 hour(s) LC50 > 5000 mg/m ³ (Vapor)	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 403
Irritation: No end point data for material.	Negligible hazard at ambient/normal handling temperatures.
Ingestion	
Acute Toxicity (Rat): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 401
Skin	
Acute Toxicity (Rabbit): LD50 > 5000 mg/kg	Minimally Toxic. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 402
Skin Corrosion/Irritation: Data available.	May dry the skin leading to discomfort and dermatitis. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 404
Eye	
Serious Eye Damage/Irritation: Data available.	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
Sensitization	
Respiratory Sensitization: No end point data for material.	Not expected to be a respiratory sensitizer.
Skin Sensitization: Data available.	Not expected to be a skin sensitizer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 406
Aspiration: Data available.	May be fatal if swallowed and enters airways. Based on physico-chemical properties of the material.
Germ Cell Mutagenicity: Data available.	Not expected to be a germ cell mutagen. Based on test data for structurally similar materials. Tests equivalent or similar to OECD Guideline 471 473 474 476 478 479

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Carcinogenicity: Data available.	Not expected to cause cancer. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 453
Reproductive Toxicity: Data available.	Not expected to be a reproductive toxicant. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 414 421 422
Lactation: No end point data for material.	Not expected to cause harm to breast-fed children.
Specific Target Organ Toxicity (STOT)	
Single Exposure: No end point data for material.	Not expected to cause organ damage from a single exposure.
Repeated Exposure: Data available.	Not expected to cause organ damage from prolonged or repeated exposure. Based on test data for structurally similar materials. Test(s) equivalent or similar to OECD Guideline 408 413 422

OTHER INFORMATION

For the product itself:

Vapor concentrations above recommended exposure levels are irritating to the eyes and the respiratory tract, may cause headaches and dizziness, are anesthetic and may have other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Ecotoxicity:

Not expected to be harmful to aquatic organisms.
 Not expected to demonstrate chronic toxicity to aquatic organisms.

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.

OTHER ECOLOGICAL INFORMATION

VOC (EPA Method 24): 6.401 lbs/gal

ECOLOGICAL DATA

Ecotoxicity

Test	Duration	Organism Type	Test Results
Aquatic - Acute Toxicity	96 hour(s)	Oncorhynchus mykiss	LL0 1000 mg/l: data for similar materials
Aquatic - Acute Toxicity	48 hour(s)	Daphnia magna	ELO 1000 mg/l: data for similar materials

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Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	ELO 1000 mg/l: data for similar materials
Aquatic - Chronic Toxicity	21 day(s)	Daphnia magna	NOELR 1 mg/l: data for the material
Aquatic - Acute Toxicity	72 hour(s)	Pseudokirchneriella subcapitata	NOELR 1000 mg/l: data for similar materials

Persistence, Degradability and Bioaccumulation Potential

Media	Test Type	Duration	Test Results
Water	Ready Biodegradability	28 day(s)	% Degraded 31.3 : similar material

SECTION 13: DISPOSAL CONSIDERATIONS

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:	The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.
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

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ID Number: 1268
Packing Group: III
ERG Number: 128
Label(s): None
Transport Doc. Name: UN1268, PETROLEUM DISTILLATES, N.O.S., COMBUSTIBLE LIQUID, PG III

Note: This material is not regulated under 49 CFR in a container of 119 gallon capacity or less when transported solely by land, as long as the material is not a hazardous waste, a marine pollutant, or specifically listed as a hazardous substance.

LAND (TDG)

Not Regulated for Land Transport

SEA (IMDG)

Not Regulated for Sea Transport according to IMDG-Code
Marine Pollutant: No

AIR (IATA)

Not Regulated for Air Transport

SECTION 15: REGULATORY INFORMATION

OSHA HAZARD COMMUNICATION STANDARD

This material is considered hazardous in accordance with OSHA HazCom 2012, 29 CFR 1910.1200. Listed or exempt from listing/notification on the following chemical inventories: AICS, DSL, ENCS, IECSC, KECI, PICCS, TSCA

EPCRA SECTION 302

This material contains no extremely hazardous substances.

CERCLA

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLA petroleum exclusion applies for this product. Contact local authorities to determine if other reporting requirements apply.

SARA (311/312) REPORTABLE HAZARD CATEGORIES

Fire. Immediate Health. Delayed Health.

SARA (313) TOXIC RELEASE INVENTORY

This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

The following ingredients are cited on the lists below: None

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--REGULATORY LISTS SEARCHED--

1 = ACGIH ALL	5 = TSCA 5a2	11 = CA P65 REPRO	16 = MN RTK
2 = ACGIH A1	7 = TSCA 5e	12 = CA RTK	17 = NJ RTK
3 = ACGIH A2	8 = TSCA 6	13 = IL RTK	18 = PA RTK
4 = OSHA Z	9 = TSCA 12b	14 = LA RTK	19 = RI RTK
5 = TSCA 4	10 = CA P65 CARC	15 = MI 293	

Code key: CARC=Carcinogen; REPRO=Reproductive

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.



SAFETY DATA SHEET: Solvent Free Gel
REVISED: 9/25/2015

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Solvent Free Gel

Product Description: Alkyd Resin/Safflower Oil 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: Not classified as hazardous.

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	None

Acute Health Hazards:

No significant hazards

Chronic Health Hazards:

Skin contact may aggravate existing dermatitis

Environmental Hazards:

No significant hazards



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration (%)*	GHS Hazard Codes	Supplier Rec.	EU HSPA
Alkyd Resin	Proprietary	40-60	None	N/A	N/A
Vegetable Oil Triglycerides	8001-23-8	60-40	None	N/A	N/A
Propylene Glycol	57-55-6	1-3	None	N/A	N/A
Silicone Dioxide	112945-52-5	3-5	None	N/A	N/A
Silicone Dioxide	112926-00-8		None	N/A	N/A
Ethene Homopolymer	9002-88-4	2-4	None	N/A	N/A

*As per paragraph (i) of 29 CFR 1910.1200, formulation is 38 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.

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

SECTION 5: FIRE FIGHTING MEASURES

FIRE FIGHTING

Extinguishing Media: Use foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Special Fire Fighting Procedures:

Cool containers exposed to flame with water. Limit the spread of material. Use air supplied equipment for fighting interior fires. **DO NOT USE WATER TO EXTINGUISH.**

Unusual Fire & Explosion Hazards:

As with all unsaturated fats and oils, some porous materials such as rags, paper, insulation or clay when wetted with this product may undergo spontaneous combustion. Keep such materials well ventilated to prevent possible heat buildup.

Hazardous Combustion Products:

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Smoke, Oxides of carbon.

FLAMMABILITY PROPERTIES

Flammable Limits in Air:

Upper N/D
Lower N/D

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Keep people away from and upward of spill/leak.

Environmental Precautions:

Prevent further leakage or spillage if safe to do so. Prevent products from entering drains.

Do not flush into surface water or sanitary sewer system drains.

Methods for Containment: Prevent spilled material from spreading by using appropriate containment/barriers. Soak up with inert absorbent material.

SECTION 7: HANDLING AND STORAGE

Precautions: Read and observe all precautions on the product label
Wash hands after use
Immerse contaminated rags in water

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTION

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: N/D
Other: Chemical resistant clothing is recommended.

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



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State: Gel
Form: Clear
Color: Amber
Odor: Bland with slight characteristic odor
Odor Threshold: N/D

IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Boiling Point: N/D
Melting Point: N/D
Freezing Point: N/D
Vapor Pressure: N/D
Vapor Density: N/D
Specific Gravity: (H₂O = 1): 1.026
Evaporation Rate: (n-butyl acetate =1): N/D
Solubility in Water: Negligible
Solids by Weight: 100%
Volatile: N/A
Molecular Weight: N/A
Viscosity: N/A
Flash Point: > 93 °C / 200 °F

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: Inhalation of fine mist may affect respiratory system
Ingestion: Ingestion (swallowing) may irritate the mouth, throat and stomach. Aspiration into lungs may cause chemical pneumonia and lung damage. Ingestion is not an anticipated route of exposure for this material in industrial use.
Skin: May cause irritation in sensitive individuals with prolonged exposure



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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: No information available

PERSISTENCE AND MOBILITY :

Biodegradation: No information available

Hydrolysis: No information available

Photolysis: No information available

SECTION 13: DISPOSAL CONSIDERATIONS

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

RCRA Information: NOT A RCRA HAZARDOUS WASTE. When discarded in its purchased form this material Would not be regulated as a RCRA Hazardous waste under 49CFR 261. Can be landfilled or incinerated when in compliance with local regulations.

Empty Container: Empty containers should be taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

LAND (DOT)

Not regulated

SEA (IMDG)

Not regulated

AIR (IATA)

Not regulated



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SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS TSCA (TOXIC SUBSTANCE CONTROL ACT):

This material does not contain any components that are subject to the US Toxic Substances Act

(TSCA) Section 12 (b) export notification requirements.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: Acute and Chronic Health, Fire

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None found

INTERNATIONAL REGULATIONS: None found

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification:

Health	1
Flammability	1
Reactivity	0
Other	N/A

HMIS Hazard Classification:

Health	1
Flammability	1
Reactivity	0
Protection	N/D

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

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