



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Burnt Plate Oil #000
Burnt Plate Oil #2
Product Description: Burnt Plate Oil
Intended Use: To modify working properties of artist printmaking inks

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.

HAZARD DESCRIPTION:

WHMIS-symbols: Not hazardous under WHMIS.

CLASSIFICATION SYSTEM:



NFPA Hazard Classification:		HMIS Hazard Classification:	
Health	0	Health	0
Flammability	1	Flammability	1
Reactivity	0	Reactivity	0

OTHER HAZARDS:

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Mixture

DESCRIPTION: Linseed Oil with non-hazardous additives

HAZARDOUS COMPONENTS: None in reportable quantities

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):	Nausea in case of ingestion Breathing difficulty Coughing Dizziness Gastric or intestinal disorders when ingested Slight irritant effect on skin and mucous membranes Slight irritant effect on eyes

DANGER: None

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

If swallowed, gastric irrigation with added, activated carbon.

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:

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.

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.
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: Prevent formation of aerosols.
Use only in well ventilated areas.
Keep containers tightly sealed.



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.

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" <i>mg/m³</i> 'Total dust "Respirable fraction
OEL (Canada)	Short-term value: 10* 3" <i>mg/m³</i> 'Mist "Respirable mist
TWA (Canada)	Short-term value: 10* 3" <i>mg/m³</i> *Mist **Respirable mist

EXPOSURE CONTROLS:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Do not inhale gases/fumes/aerosols.
Immediately remove all soiled and contaminated clothing.

Breathing equipment: Not required under normal conditions of use.

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

Protective Gloves:



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.

Body Protection: Not required under normal conditions of use.
Protection may be required for spills.

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: Amber
Odor: Slight vegetable oil
Odor Threshold: N/D

IMPORTANT

HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

pH-value: N/D
Boiling Point: Decomposes before boiling
Melting Point: N/D
Flash Point: >500°F >260°C
Flammability (solid, gaseous): Not applicable.
Auto-ignition temperature: N/D
Decomposition temperature: N/D
Danger of explosion: Product does not present an explosion hazard.

Explosion limits:

Lower: N/D
Upper: N/D
Vapor Pressure: N/D
Density at 20°C: 0.92-0.97 g/cm³
Relative density: N/D
Vapor density: N/D
Evaporation Rate: N/D
Solubility in Water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): N/D
Viscosity:
Dynamic: N/D
Kinematic: N/D



SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

CHEMICAL STABILITY

Thermal decomposition/Conditions to Avoid:

Oxidizes rapidly and exothermically if large surface area is present.
May spontaneously combust under certain conditions.

Possibility of Hazardous Reactions:

Reacts with aldehydes.
Reacts violently with oxidizing agents.
Reacts with peroxides and other radical forming substances.
Reacts with powdered metals.
Reacts with strong acids and alkali.
Toxic fumes may be released if heated above the decomposition point.

Conditions to Avoid: Store away from oxidizing agents.

Keep ignition sources away - Do not smoke.

Incompatible materials: No additional information.

Hazardous decomposition products:

Carbon monoxide and carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

Acute toxicity

Primary irritant effect:

Skin: Slight irritant effect on skin and mucous membranes.

Eye: Slight irritant effect on eyes.

Sensitization: No sensitizing effects known.

Additional toxicological information:

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

The substance is not subject to classification.

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

OSHA-Ca (Occupational Safety & Health Administration):

Substance is not listed.

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

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION

Toxicity:

Aquatic toxicity: The material is harmful to the environment.

Persistence and degradability: Moderately/partly biodegradable.



Bioaccumulative potential: Does not accumulate in organisms.

Mobility in soil: No additional information.

Ecotoxicological effects:

Remark: Due to mechanical actions of the product (e.g. agglutinations) damages may occur.

Additional ecological information:

Do not allow large quantities of undiluted product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: no additional information.

SECTION 13: DISPOSAL CONSIDERATIONS

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, ADN, IMDG, IATA:

Not Regulated

14.2 UN proper shipping name DOT; ADR; ADN; IMDG, IATA:

Not Regulated

14.3 Transport hazard class(es) DOT; ADR; ADN; 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.

TLV (Threshold Limit Value established by ACGIH):

Substance is not listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

Substance is not listed.

State Right to Know Listings:

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.

Other regulations, limitation and prohibitive regulations:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.



Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

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

Relevant phrases

Abbreviations and Acronyms:

- ADR: Accord européen sur le transport des marchandises 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
- ACGIH: 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)
- WHMIS: Workplace Hazardous Materials Information System (Canada)

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.