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GAMBLIN-ARTISTS

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MATERIAL SAFETY DATA SHEET



Manufacturer's Name: GAMBLIN ARTISTS COLORS CO.
PO Box 625
Portland, OR 97207

Product: GAMSOL
(ODORLESS MINERAL SPIRITS)

SECTION 1 -- PRODUCT IDENTITY

Date prepared: 11/28/94

Emergency telephone no. 503/235-1945

Preparer's Name: R. Gamblin

HMIS Information

Chemical name: Petroleum Solvent Mixture

Health 1
Flammability 2
Reactivity 0

Chemical formula: N/A (mixture)

DOT shipping class: Combustible Liquid

SECTION II -- HAZARDOUS INGREDIENTS

Chemical names	CAS#	Wt%	ACGIH TLV
Hydrotreated heavy naphtha petroleum	64742-48-9	100%	300ppm for an 8 hr work day

It consists predominantly of C11-C13 isoparaffinic hydrocarbons.

C11-C15 saturated hydrocarbons	MIXTURE	99%
C84 aromatics	MIXTURE	Less than 0.02%

This product and all components are listed on the U.S. TSCA inventory.
These are reportable chemicals under 40 CFR 372. SARA Title III Section 313

SECTION III -- PHYSICAL CHARACTERISTICS

Boiling Range: 365-403 degrees F	Specific gravity: (15.6 C/15.6 C) (0.77)
Vapor pressure: <10mm Hg@ 25C ASTM D 2879	% volatile (volume): 100 @ 1 atm and 25 C (77 F)
Vapor density: >5	Evaporation rate (BuOAc = 1): 0.1

Solubility (specify solvents): Insoluble in water. Soluble in most petroleum solvents.
Appearance and odor: Clear water-white liquid; essentially odorless.

SECTION IV -- FIRE & EXPLOSION DATA

Flash point: 145 degree F Flammable Limits: LEL: 0.6 VEL: 7.0
Extinguishing media: CO2, dry chemical, water fog

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Special firefighting procedures: water or foam may cause frothing if directed into container of burning material. Use water to cool containers exposed to heat.

Unusual fire & explosion hazards: contaminated rags or other easily ignited organic materials are spontaneously combustible. Immerse in water after use.

Reactivity: product is stable

Hazardous polymerization: will not occur

Conditions to avoid: None known.

Hazardous decomposition products: Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

Usual products of combustion: CO, CO2 and possibly acrolein.

SECTION V -- HEALTH HAZARD DATA

Route(s) of entry: Eye contact, ingestion, inhalation, skin contact.

Acute health effects: Eye contact may cause redness or irritation

Inhalation: dizziness, headache, nausea, possible nervous system depression.

Ingestion: Nausea, gastrointestinal irritation, or vomiting.

Skin contact: May cause rash, cracking, dryness or defatting of skin.

EMERGENCY FIRST AID PROCEDURES:

Eye contact: wash with clean water for at least fifteen minutes. If irritation persists, get medical attention.

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

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

CHRONIC HEALTH EFFECTS: Skin contact may aggravate an existing dermatitis.

SECTION VI -- SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled: remove all sources of ignition. Soak up spill with absorbent materials.

Waste disposal method: Rags and absorbent materials should be immersed in water. Small amounts can be dried and disposed of as ordinary trash.

SECTION VII - SPECIAL PROTECTION DATA

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

Ventilation: Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in 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.

SECTION III -- STORAGE & HANDLING DATA

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

Other precautions: wash hands after use. Immerse contaminated rags in water.

The information contained herein is based on the data available to use and is believe 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.