



SAFETY DATA SHEET

GILDERS SPECIALTY PRODUCTS

Published Date

Revision Date

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product code 03 Series
Product name Gold Leaf Bulletin Varnish
Product category Spar Varnish

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Printing operations

Details of the supplier of the safety data sheet

UNITED STATES

Gilders Specialty Products
60480 Christy Lane
Angie, La 70426
Tel: 1-800-531-3359
www.gildersspecialtyproducts.com

Emergency telephone number

USA: Chemtrec: +001-800-424-9300
Outside USA: Chemtrec: +001-703-527-3887
24 Hour Emergency Phone Number

2. HAZARDS IDENTIFICATION

Classification

Skin sensitization	Category 1 - (H317)
Germ cell mutagenicity	Category 1B - (H340)
Carcinogenicity	Category 1B - (H350)
Reproductive toxicity	Category 2 - (H361)
Specific target organ toxicity (repeated exposure)	Category 1 - (H372)
Aspiration toxicity	Category 1 - (H304)

Flammable liquids**Category 3 - (H226)****Label elements****Signal Word**

Danger

Hazard Statements

H317 - May cause an allergic skin reaction

H340 - May cause genetic defects

H350 - May cause cancer

H361 - Suspected of damaging fertility or the unborn child

H372 - Causes damage to organs through prolonged or repeated exposure

H304 - May be fatal if swallowed and enters airways

H226 - Flammable liquid and vapor

Precautionary Statements

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P260 - Do not breathe vapours

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P308+P313 - IF exposed or concerned: Get medical advice/attention

P331 - Do NOT induce vomiting

P403+P235 - Store in a well-ventilated place. Keep cool

P501 - Dispose of contents/container in accordance with local regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixture**

Spar varnish (bulletin varnish).

Component	CAS-No	Weight %	Trade Secret	Note
Proprietary resin	—	10 - 30	*	
Solvent naphtha, medium aliphatic	64742-88-7	10 - 30	*	
Aromatic 100 (solvent naphtha, light aromatic)	64742-95-6	5 - 10	*	
1,2,4-Trimethylbenzene	95-63-6	1 - 5	*	

Methyl ethyl ketoxime	96-29-7	0.1 - 1	*	
Ethyl benzene	100-41-4	0.1 - 1	*	
Cumene	98-82-8	0.1 - 1	*	
Stoddard solvent	8052-41-3	0.1 - 1	*	

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General Advice

Show this safety data sheet to the doctor in attendance.

Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Get medical attention if irritation develops and persists.

Skin Contact

Wash off immediately with soap and plenty of water for at least 15 minutes. Remove contaminated clothing. If irritation (redness, rash, blistering) develops, get medical attention.

Inhalation

Remove person to fresh air and keep comfortable for breathing. If breathing is irregular or stopped, administer artificial respiration. Get medical attention immediately.

Ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

Most important symptoms and effects, both acute and delayed

May cause an allergic skin reaction. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Carbon dioxide (CO₂). Dry chemical. Water spray.

Unsuitable Extinguishing Media

No information available.

Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of irritating gases and vapors. May emit toxic fumes under fire conditions.

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. Cool containers / tanks with water spray. Sealed containers may rupture when heated.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions

Remove all sources of ignition. Ventilate the area. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. Keep out of drains, sewers, ditches and waterways.

Methods and material for containment and cleaning up

Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Use clean non-sparking tools to collect absorbed material.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Conditions for safe storage, including any incompatibilities

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep container closed when not in use. Keep out of the reach of children.

Incompatible Products

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure limits

Component	ACGIH TLV	OSHA PEL
1,2,4-Trimethylbenzene 95-63-6	TWA: 10 ppm	—
Ethyl benzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 435 mg/m ³
Cumene 98-82-8	TWA: 5 ppm	TWA: 50 ppm TWA: 245 mg/m ³

		Skin
Stoddard solvent 8052-41-3	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³

Appropriate engineering controls**Engineering Measures**

Provide a good standard of general ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Wear safety glasses with side shields (or goggles). If splashes are likely to occur, wear suitable face shield. Ensure that eyewash stations and safety showers are close to the workstation location.

Skin Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Do not breathe vapours. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Wash hands before eating, drinking or smoking. Wash contaminated clothing before reuse. Avoid contact with eyes, skin and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Clear to amber varnish liquid
Odor	Characteristic hydrocarbon odor	Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting Point / Freezing Point	No data available	
Boiling Point / Boiling Range	>149 °C / 300 °F	
Flash Point	43 °C / 109 °F minimum	
Evaporation rate	No data available	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	

Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	No data available
Water Solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive Properties	Vapours may form explosive mixtures with air
Oxidizing Properties	No data available
VOC Content	278 g/L actual; 350 g/L EPA (less water)

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical stability

Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

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

Incompatible materials

Strong acids. Strong bases. Strong oxidizing agents. Reducing agent.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors. Carbon monoxide, carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation

No specific test data for the mixture is available. Do not breathe vapours.

Eye Contact

No specific test data for the mixture is available.

Skin Contact

May cause an allergic skin reaction (based on components).

Ingestion

May be fatal if swallowed and enters airways (based on components).

Information on toxicological effects

Symptoms

May cause an allergic skin reaction. May cause

genetic defects. May cause cancer (based on components). Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. May be fatal if swallowed and enters airways (based on components).

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No specific test data for the mixture is available.
Skin corrosion/irritation	No specific test data for the mixture is available.
Eye damage/irritation	No specific test data for the mixture is available.
Sensitization	May cause an allergic skin reaction (based on components).
Mutagenic Effects	May cause genetic defects (based on components).
Carcinogenic effects	May cause cancer (based on components). Contains ethyl benzene (IARC Group 2B) and cumene (IARC Group 2B; NTP reasonably anticipated).
Reproductive Effects	Suspected of damaging fertility or the unborn child (based on components).
STOT - single exposure	No specific test data for the mixture is available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure (based on components).
Aspiration hazard	May be fatal if swallowed and enters airways (based on components).

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity	No specific test data for the mixture is available.
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12. ECOLOGICAL INFORMATION

Ecotoxicity

No specific test data for the mixture is available.

Persistence and Degradability

No data available for the mixture.

Bioaccumulation

No data available for the mixture.

Other adverse effects

Do not allow to enter drains or waterways.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Waste Disposal Methods**

Dispose of contents and container in accordance with all applicable federal, state and local regulations. Do not pour into drains or waterways.

Contaminated Packaging

Empty containers retain vapour and product residue - handle with the same precautions. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. TRANSPORT INFORMATION**Note:**

This information is not intended to convey all specific transportation requirements relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation information can be found in the specific regulations for your mode of transportation. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)].

Marine pollutant: This product contains a chemical which is listed as a marine pollutant according to DOT.

DOT**UN/ID no.****UN1263****Proper Shipping Name****Paint Related Material****Hazard Class****3****Packing Group****III****ICAO / IATA / IMDG / IMO****UN/ID no.****UN1263****Proper Shipping Name****Paint Related Material****Hazard Class****3****Packing Group****III****15. REGULATORY INFORMATION****International Inventories**

All components are listed on the TSCA Inventory. For further information, please contact: . Supplier (manufacturer/importer/downstream user/distributor).

U.S. Federal Regulations**OSHA**

Classified as hazardous under 29 CFR 1910.1200 (HazCom 2012).

SARA Title III

This product contains 1,2,4-trimethylbenzene, ethyl benzene and cumene, which are subject to the reporting requirements of SARA Title III, Section 313.

California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer: ethyl benzene, cumene.

16. OTHER INFORMATION**HMIS:**

Health	Flammability	Reactivity	Personal Protection
2 *	2	0	X

Key or legend to abbreviations and acronyms used in the safety data sheet**Legend - Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average)

STEL STEL (Short Term Exposure Limit)

Ceiling Maximum limit value

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

X Present

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet