

Material Safety Data Sheet

1 . Product and company identification

Product name **OS Dye**

MSDS# 00019798

Product use : Solvent.Dye Mixture

AMERIPOLISH, INC

120 COMMERCIAL AVE
LOWELL, AR 72745

TELEPHONE NUMBERS

Transportation Emergency

Company: (800) 592-9320

CHEMTREC: (800) 424-9300

General MSDS Assistance: (479) 899-3060

Technical Information: (479) 899-3060

E-MAIL: ccabot@ameripolish.co

Validation date : 3/27/2012.

In case of emergency

Spills Leaks Fire or Exposure Call Chemtrec: (800) 424-9300

2 . Hazards identification

Physical state Liquid

Odor Faint odor.

OSHA/HCS status While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Emergency overview CAUTION!

MAY CAUSE EYE IRRITATION. ASPIRATION HAZARD IF SWALLOWED CAN ENTER LUNGS AND CAUSE DAMAGE. CONTAMINATION BY MOISTURE WILL RESULT IN A PRESSURE BUILD-UP IN SEALED CONTAINERS.

Slightly irritating to the eyes. Avoid breathing vapor or mist. Avoid contact with eyes. Wash thoroughly after handling. Aspiration hazard if swallowed. Can enter lungs and cause damage.

GENERAL INFORMATION : Read the entire MSDS for a more thorough evaluation of the hazards.

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>		
Solvent	108-32-7	60	95
Dye	Proprietary	1	5

COLORS AVAILABLE: Gold, Raw Sienna, Caramel, Terra Cotta, Mahogany, Chocolate Brown, Saddle Brown, Walnut, Burnt Sienna, Chestnut, Maroon, Sepia, Eggplant, Patriot Blue, Turquoise, Slate Blue, Pine Green, Green, Forest Green, Midnight Black, Black, Grey, Sand

4. First aid measures

Eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Ingestion	Wash out mouth with water. Move exposed person to fresh air. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person.
Notes to physician	No specific treatment. Treat symptomatically. Call medical doctor or poison control center immediately if large quantities have been ingested.

5. Fire-fighting measures

Flash point	Closed cup: 135°C (275°F)
Products of combustion	No specific data.
<u>Extinguishing media</u>	
Suitable	Use an extinguishing agent suitable for the surrounding fire.
Not suitable	None known.
Special exposure hazards	No specific hazard.
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions	Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment.
Environmental precautions	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Methods for cleaning up	If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

7. Handling and storage

Handling	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not breathe vapor or mist. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Storage	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8 . Exposure controls/personal protection

Consult local authorities for acceptable exposure limits.

Preventive Measures	Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your workplace.
Engineering controls	Use local exhaust ventilation to maintain airborne concentrations below the TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it. For guidance on engineering control measures refer to publications such as the ACGIH current edition of 'Industrial Ventilation, a manual of Recommended Practice.'

Personal protection

Eyes	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
Skin	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Hands	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

9. Physical and chemical properties

General information

Appearance

Physical state Liquid. [Liquid.]
Color: Gold, Raw Sienna, Caramel, Terra Cotta, Mahogany, Chocolate Brown, Saddle Brown, Walnut, Burnt Sienna, Chestnut, Maroon, Sepia, Eggplant, Patriot Blue, Turquoise, Slate Blue, Pine Green, Green, Forest Green, Midnight Black, Black, Grey, Sand

Odor Faint odor.

Odor threshold Not available.

Important health, safety and environmental information

pH 7
Boiling point 242°C (467.6°F)
Melting point -49°C (-56.2°F)
Flash point Closed cup: 135°C (275°F)

9. Physical and chemical properties

Oxidizing properties	: Not available.
Vapor pressure	: 0.0031 kPa (0.023 mm Hg)
Relative density	: 1.2
Solubility	: Soluble in the following materials: cold water, methanol, diethyl ether.
Octanol/water partition coefficient	: Not available.
Viscosity	: Kinematic: 0.016 cm ² /s (1.6 cSt at 43.3°C)
Vapor density	: 3.5 [Air = 1]
Auto-ignition temperature	: 430°C (806°F)
VOC content	: VOC Exempt

10 . Stability and reactivity

Stability and reactivity	: The product is stable.
Hazardous polymerization	: Will not occur.
Hazardous decomposition products	: No specific data.

11 . Toxicological information

Toxicity data

Acute toxicity

Product/ingredient name	test	Species	Result	Exposure
Propylene carbonate	LD50 Dermal	Rabbit	>2000 mg/kg	
	LD50 Oral	Rat	>5000 mg/kg	

Potential acute health effects

Ingestion	: Practically non-toxic if swallowed.
Inhalation	: No known significant effects or critical hazards.
Eyes	: Slightly irritating to the eyes.
Skin	: Practically non-toxic in contact with skin.

Potential chronic health effects

Target organs	. None known.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.

12. Ecological information

Aquatic ecotoxicity

Product/ingredient name	test	Result	Species	Exposure
Propylene carbonate		Acute EC50 >1000 mg/L	Daphnia	48 hours
		Acute LC50 >1000 mg/L	Fish	96 hours
		Acute EC50 >900 mg/L	Algae	72 hours

12. Ecological information

Biodegradability

Product/ingredient name	test	Result	Dose	Inoculum
Propylene carbonate		>60 % 28 days	Readily	

<u>Product/ingredient name</u>	<u>Aquatic half-life</u>	<u>Photolysis</u>	<u>Biodegradability</u>
Propylene carbonate	-	-	Readily

Bioaccumulative potential

<u>Product/ingredient name</u>	Lo Pow	BCF	<u>Potential</u>
Propylene carbonate	-0.41		low

Environmental effects : Readily biodegradable

13 . Disposal considerations

Waste disposal The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. Transport information

Transportation Emergency Number 1-800-424-9300 (CHEMTREC).

Regulatory information	UN number	Proper shipping name	Class	PG* Label	Additional information
DOT Classification	Not regulated.				-
TDG Classification	Not regulated.				-
IMDG Class	Not regulated.		-	-	-
IATA-DGR Class	Not regulated.		-	-	-

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PG*: Packing group

15. Regulatory information

United States

HCS Classification : Not regulated.

U.S. Federal regulations : United States inventory (TSCA8b): All components are listed or exempted.

CERCLA: Hazardous substances. : No ingredients listed.

SARA 313 No ingredients listed.

This product does not contain nor is it manufactured with ozone depleting substances.

California Prop 65

15. Regulatory information

WARNING: This product contains a chemical known to the State of California to cause cancer.

<u>Ingredient name</u>	<u>Cancer</u>	<u>Reproductive</u>	<u>No significant risk level</u>	<u>Maximum acceptable dosage level</u>
Propylene oxide	Yes.	No.	No.	No.

Canada

WHMIS (Canada)

Class D-2B: Material causing other toxic effects (Toxic).

CEPA (DSL)

Canada inventory: All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and this MSDS (Material Safety Data Sheet) contains all the information required by the CPR.

16. Other information

Label requirements

MAY CAUSE EYE IRRITATION. ASPIRATION HAZARD IF SWALLOWED CAN ENTER LUNGS AND CAUSE DAMAGE. CONTAMINATION BY MOISTURE WILL RESULT IN A PRESSURE BUILD-UP IN SEALED CONTAINERS.

Hazardous Material
Information System (U.S.A.)

Fire hazard 1
Health 1
instability 0

National Fire Protection
Association (U.S.A.)

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THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.

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16 . Other information

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17 Indicates information that has changed from previously issued version.