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MATERIAL SAFETY DATA SHEET

Edition: October 2013

GOLDEN POLYMER VARNISHES AND GEL TOP-COATS (W/UVLS)

SECTION 1. COMPANY AND PRODUCT IDENTIFICATION

COMPANY DETAILS: Golden Artist Colors, Inc.
188 Bell Road
New Berlin, NY 13411
(607) 847—6154

PRODUCT LINES:	HAZARDOUS COMPONENTS (SEE SEC. 3):
Gel Topcoat w/UVLS	*
Gel Topcoat w/UVLS (Semi-Gloss)	*,5
Polymer Varnish Gloss (w/UVLS)	*
Polymer Varnish Satin (w/UVLS)	*,5
Polymer Varnish Matte (w/UVLS)	*,5

SECTION 2. HAZARD IDENTIFICATION

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

None expected under normal conditions of use. Irritation of the nose, throat and lungs is associated with excessive exposure to ammonia, which may occur when large volumes of product are used in an area with limited ventilation.
Overexposure to mists from spraying may be irritating to the respiratory tract. Chronic exposure to air-borne amorphous silica may cause chronic pulmonary disease.

EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Contact may be slightly irritating to eyes.

SKIN CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Prolonged or repeated contact may be irritating to skin. The Benzotriazolyl compound may cause allergic reactions.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

May cause irritation to gastrointestinal system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

The Benzotriazolyl compound may cause allergic skin reactions in sensitized individuals.

SECTION 3. HAZARDOUS COMPONENT INFORMATION

OSHA PERMISSIBLE EXPOSURE LIMITS

CODE		MAX. %	CAS NUMBER	TWA	STEL	CEILING
*	Ammonia	.2	7664-41-7		35 ppm	
5	Amorphous Silica	5	7631-86-9	6 mg/M ³		
*	Propylene Glycol	5	57-55-6	NE		
*	Benzotriazolyl-OH-Butylphenyl Propionate	1	04810-42-2	NE	-	-

TWA= Time Weighted Average (ave. airborne exposure in 8 hr work shift work week)

STEL= Short Term Exposure Limit (15 minute time weighted average exposure)

CEILING = exposure not to be exceeded during any part of the work day

NE = None established

mg/M³ = approximate milligrams of substance per cubic meter of air

* contained in all products on this MSDS

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Consult Physician if any symptoms persist.

SKIN CONTACT: Wash with soap and water. Consult Physician if skin irritation occurs.

INHALATION: Remove subject to fresh air. Consult Physician if symptoms persist

INGESTION: Consult Physician.

SECTION 5. FIRE FIGHTING MEASURES

FLASH POINT: None METHOD USED: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: N/A
UPPER: N/A

EXTINGUISHING MEDIA: Carbon dioxide, water spray, foam or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Decomposition and combustion products may be toxic

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain spill. Recover material for use or proper disposal. Clean residue with aqueous mopping.

SECTION 7. HANDLING AND STORAGE

For best product stability, avoid freezing and higher than normal ambient temperatures.

SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None required under normal use. When sanding or spraying, use a NIOSH P100 dust and mist respirator. If conditions warrant, a vapor respirator for protection against ammonia may be used.

VENTILATION: General dilution ventilation is recommended at a level sufficient to keep individuals asymptomatic to inhalation exposure.

PROTECTIVE GLOVES: Wear impermeable protective gloves.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None required under normal use.

WORK/HYGIENIC PRACTICES: All chemical products should be used in accordance with safe handling practices, including: do not eat, drink or smoke when working with materials, avoid excessive skin contact, wash after working with materials.

SECTION 9. PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: >100°C/212°F

VAPOUR DENSITY: Heavier than air

SOLUBILITY IN WATER: Miscible

APPEARANCE AND ODOUR: Milky white—slight ammonia odour

pH: 8.5—9.2

SPECIFIC GRAVITY (H₂O = 1): 1.02-1.05

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

INCOMPATIBILITY: May react with strong oxidizers

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Thermal decomposition may yield oxides of carbon, monomer fume and oxide of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

ORAL LD50—rat: >5000 mg/kg

DERMAL LD50—rabbit: 5000mg/kg

EYE IRRITATION—rabbit: not an irritant

SKIN IRRITATION— rabbit: not an irritant

SECTION 12. ECOLOGICAL INFORMATION

Not readily biodegradable. Extrapolation from ingredient data suggests that acute toxicity to fish is approximately 300 ppm (Rainbow Trout and Bluegill, 96 hour LC 50).

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose as per local regulations. It is best to use all material, rather than dispose of it.

SECTION 14. TRANSPORT INFORMATION

Not hazardous for shipping via any mode.

SECTION 15. REGULATORY INFORMATION

CONSUMER PRODUCT LABELING: Products are labeled in compliance with 67/548/EEC (EU), FHSA/LHAMA (USA), CCCR (Canada).

SECTION 16. OTHER INFORMATION

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.