

### Section 1: Identification

- (a) Glow Tint All Colors
- (b) Accessory Embalming Chemical
- (c) For use by professional licensed embalmers only
- (d) Manufacturer: Pierce Companies – 4722 Bronze Way – Dallas, TX 75236 – 214.333.4230
- (e) Emergency Phone Number: 800.424.9300

### Section 2: Hazard Identification

- (a) **OSHA/HCS status:** This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
- (b) **DANGER!** Flammable Liquid and Vapor; Pungent odor



### Section 3: Composition/Information on Ingredients

CHEMICAL NAME	CAS NUMBER	%	Trade Secret Information: Exact % of concentration is withheld to protect Trade Secret Information. Ranges are given in accordance with CFR 29 1910.1200(i), Appendix E
Isopropyl Alcohol	67-63-0	75 - 85	

### Section 4: First-Aid Measures

**Inhalation:** Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention. In case of irritation from airborne exposure, move to fresh air. Get medical attention if symptoms persist.

**Skin:** Wash with soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash contaminated clothing before reuse. Thoroughly clean shoes before reuse.

**Ingestion:** Seek medical advice.

### Section 5: Fire-fighting Measures

**NFPA:** Health: 2 Flammability: 3 Chemical Reactivity:

**Extinguishing Media:** water spray, dry chemical, carbon dioxide, alcohol foam

**Special Fire-Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing. Fight fire from a protected location. Water may be ineffective in fighting the fire. Use water spray to keep fire-exposed containers cool.

**Hazardous Combustion Products:** Carbon dioxide, carbon monoxide.

**Unusual Fire and Explosion Hazards:** Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations. Forms explosive peroxides which may be shock sensitive.

**Section 6: Accidental Release Measures**

Use personal protective equipment. Eliminate all ignition sources. Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

For large spills: Use water spray to disperse vapors and dilute spill to a nonflammable mixture. Prevent runoff from entering drains, sewers or streams. Dike for later disposal.

**Section 7: Handling and Storage**

**Personal Precautionary Measures:** Avoid breathing high vapor concentrations. Avoid contact with eyes and prolonged or repeated contact with skin. Do not taste or swallow. Use only with adequate ventilation. Wash thoroughly after handling.

**Prevention of Fire and Explosion:** Keep away from heat, sparks, and flame. Keep from contact with oxidizing materials. Use only with adequate ventilation. Comply with all national, state and local codes pertaining to the storage, handling, dispensing and disposal of flammable liquids. Do not expose to air. After opening, purge container with nitrogen before reclosing. Periodically test for peroxide formation on long-term storage. If peroxide formation is suspected, do not open or move container. Do not allow to evaporate to near dryness. Distill with caution. Addition of water or appropriate reducing materials will lessen peroxide formation.

**Storage:** Keep container tightly closed and in a well-ventilated place.

**Additional Information:** Store away from heat and light.

**Section 8: Exposure Controls/Personal Protection**

CHEMICAL NAME	CAS NUMBER	PEL OSHA	TLV-ACGIH
Isopropyl Alcohol	67-63-0	400 ppm, 980 mg/m <sup>3</sup>	400 ppm, 980 mg/m <sup>3</sup> 500 ppm, 1225 mg/m <sup>3</sup>

Country specific exposure limits have not been established or are not applicable unless listed below.

**ISOPROPYL ALCOHOL**

US NIOSH: Pocket Guide to Chemical Hazards

Recommended exposure limit (REL): 400 ppm, 980 mg/m<sup>3</sup>

US NIOSH: Pocket Guide to Chemical Hazards

Short Term Exposure Limit (STEL): 500 ppm; 1,225 mg/m<sup>3</sup>

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

PEL: 400 ppm, 980 mg/m<sup>3</sup>

US ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values

Time Weighted Average (TWA): 200 ppm

US ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values

Short Tem Exposure Limit (STEL): 400 ppm

**ISOPROPANOL (ISOPROPYL ALCOHOL)**

US ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values

Time Weighted Average (TWA): 200 ppm

US ACGIH Notice of Intended Changes (NIC) to Threshold Limit Values

Short Term Exposure Limit (STEL): 400 ppm

PROPANOL

US ACGIH Threshold Limit Values

Time Weighted Average (TWA): 200 ppm

US ACGIH Threshold Limit Values

Short Term Exposure Limits (STEL): 400 ppm

**Ventilation:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to condition. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

**Eye Protection:** Wear safety glasses with side shields (or goggles). Wear a full-face respirator, if needed.

**Skin Protection:** For operations where prolonged or repeated skin contact may occur, chemical-resistant gloves should be worn. Contact health and safety professional or manufacturer for specific information.

**Recommended Decontamination Facilities:** Eye bath, washing facilities, safety shower

**Section 9: Physical and chemical properties**

**FLASH POINT:** 55°F (ASTM D93)

**BOILING POINT:** 186°F

**EVAPORATION RATE (BUTYL ACETATE=1):** <1

**MELTING POINT:** No information

**pH:** 6.16

**SOLUBILITY IN WATER:** Soluble

**FLAMMABLE LIMITS:** LEL=2% UEL=12.7%

**SPECIFIC GRAVITY (WATER=1):** .839 g/ml @72°

**VAPOR DENSITY (AIR=1):** 2.10

**VAPOR PRESSURE (mm HG):** 97.10 mm Hg @ 72°F

**% VOLATILE BY WEIGHT:** 34.95%

**APPEARANCE AND ODOR INFORMATION:** Orange to reddish purple liquid

**Section 10: Stability and Reactivity**

**UNSTABLE:** NO      **STABLE:** YES. Forms explosive peroxides on concentration.

**INCOMPATIBILITY:** Material reacts violently with strong oxidizing agents, Crotonaldehyde

**HAZARDOUS POLYMERIZATION:** Will not occur      **CONDITIONS TO AVOID FOR POLYMERIZATION:** Not applicable

**Section 11: Toxicological Information**

**Skin:** This material has a low potential to cause allergic skin reactions; however, cases of human skin sensitization have been reported. Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

Oral LD-50: (rat) 5,800 mg/kg

Oral LD-50: (rabbit) 7,900 mg/kg

## Safety Data Sheet: Glow Tint All Colors (Item #PW0447600)

Oral LD-50: (dog)	6,200 mg/kg
Inhalation LC-50: (rat)	8 h: 12000 ppm
Skin Irritation (rabbit)	slight
Eye irritation (rabbit)	moderate

### **Section 12: Ecological Information**

Acute toxicity data, if available, are listed below. Additional toxicity data may be available on request.

#### Oxygen Demand Data:

BOD-5:	1,190 – 1,720 mg/g
BOD-20:	1,680 m/g

COD (Chemical Oxygen Demand): 2,230 mg/g  
ThBOD: 2,400 mg/g

#### Acute Aquatic Effects Data:

96 h LC-50	(fathead minnow): > 100 u1/L
48 h LC-50	(golden orfe): 8970 – 9280 mg/L
96 h LC-50	(daphnid): > 1000 u1/L

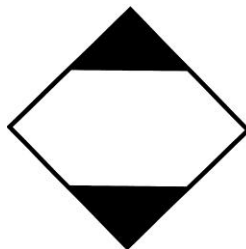
### **Section 13: Disposal Considerations**

Discharge, treatment or disposal may be subject to national, state or local laws. Incinerate. Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld on or near this container.

**Empty bottles: DO NOT RECYCLE!**

### **Section 14: Transport Information**

DOT/UN HAZARD CLASSIFICATION: N/A



### **Section 15: Regulatory Information**

SARA 311-312 Hazard classification(s): immediate (acute) health hazard; fire hazard

SARA 313: none, unless listed below

Carcinogenicity Classification (components present at 0.1% or more): none, unless listed below

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

## Safety Data Sheet: Glow Tint All Colors (Item #PW0447600)

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): This product is listed on the DSL. Any impurities present in this product are exempt from listing.

EINECS (European Inventory of Existing commercial Chemical Substances): This product is listed on EINECS or otherwise complies with EINECS requirements. EINECS Number: 200-661-7

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): This product is listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): This product is listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean Toxic Substances Control Act: This product is listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.

Philippines Inventory (PICCS): This product is listed on the Philippine Inventory or otherwise complies with PICCS.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

### **Section 16: Other Information**

#### **Hazardous Material Information System III (USA)**

Health:	2
Flammability:	3
Chemical Reactivity:	1

#### **National Fire Protection Association (USA)**

Health:	2
Flammability:	3
Chemical Reactivity:	1

HMIS ratings are based on a 0-4 scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS ratings are not required on Safety Data Sheets under 29 CFT 1910.1200, the preparer may choose to provide them. HMIS ratings are to be used with a fully implemented HMIS program. HMIS is a registered mark of the National Paint & Coatings Association (NPCA).

**Prepared by:** Pierce Companies Regulatory Department

**Date of Preparation/Revision:** December 8, 2014

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