

IN CASE OF EMERGENCY CALL DAY OR NIGHT:

CHEMTREC: 1-800-424-9300

DODGE CO: 1-800-443-6343

Revised: 2/17/09

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MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION:

Trade Name : PERMA COSMETICS—ALL SHADES

Class : Embalming Cosmetic

DOT/UN Hazard Classification: Flammable Liquid, NOS (Contains Petroleum Spirits), 3, UN 1993, PG III

Domestic Ground : (4 oz.): Flammable Liquid, NOS (Contains Petroleum Spirits), 3, UN, 1993, PG III, Ltd. Qty.
(1 oz.): Not Regulated

Manufacturer: The Dodge Company, Inc.
165 CambridgePark Drive
Cambridge, MA 02140-2388
(617) 661-0500

Hazard Rating: FIRE 3 4 = Extreme
HEALTH 2 3 = High
REACTIVITY 0 2 = Moderate
SPECIAL 0 1 = Slight
0 = No Hazard

II. HAZARDOUS INGREDIENTS:

<u>Common Name</u>	<u>Chemical Family</u>	<u>CAS#</u>	<u>Wt %</u>	<u>Exposure Limit</u>
Mineral Spirits or Stoddard Solvent	Aliphatic Hydrocarbon	8052-41-3	40-80	100 ppm (OSHA TWA and ACGIH TLV-TWA)*

*100 ppm is equivalent to 525 mg/m³ for mineral spirits. NIOSH recommends a limit of 350 mg/m³ over an 8-hour period and a limit of 1800 mg/m³ for a 15-minute period.

III. PHYSICAL DATA:

Boiling Point (°F) : >230 (110°C)

Vapor Pressure (mm Hg): Less than 10

Vapor Density (Air=1)... : Greater than 1

Solubility in Water..... : Negligible

Specific Gravity (H₂O=1)..... : 0.800-0.830 (liquid)

Percent Volatile (by volume)..... : 20-60

Evaporation Rate (Bu Acetate=1): Less than 1

pH..... : N.A.

Appearance and Odor: Pigmented liquids of various shades with a slight odor of aliphatic hydrocarbon solvent.

IV. FIRE AND EXPLOSION HAZARD DATA:

Flammable Limits in Air: 1%-7%*

Flash point: 82-86°F (28-30°C)

*Property of mineral spirits.

Extinguishing Media: Dry chemical, carbon dioxide, or foam.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (SCBA) and complete personal protective equipment when fighting fires.

Unusual Fire and Explosion Hazards: Vapor is heavier than air and may flow along surfaces to distant sources and be ignited by pilot lights, heaters, electric motors, smoking, or other sources.

V. REACTIVITY DATA:

Stability: Stable.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Keep away from heat, sparks, or flames.

Incompatibility (materials to avoid): Avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, and dense smoke.

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VI. HEALTH HAZARD DATA: Primary routes of entry: INHALATION, SKIN.

Hazard Identification:

INHALATION: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, fatigue, headache, and possible unconsciousness or death.

SKIN: Prolonged or repeated contact causes moderate irritation, defatting, or dermatitis.

EYE CONTACT: Can cause severe irritation, redness, tearing, and blurred vision.

INGESTION: Can cause gastrointestinal irritation, vomiting, and diarrhea.

Emergency and First Aid Procedures:

INHALATION: Remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Contact a physician.

SKIN: Remove contaminated clothing (launder before re-use). Wash skin with large amounts of soap and water. If irritation persists, contact a physician.

EYE CONTACT: Flush eyes with water for at least 15 minutes. Contact a physician.

INGESTION: Do not induce vomiting. Aspiration of material into lungs can cause chemical pneumonitis, which can be fatal. Contact a physician immediately.

VII. SAFE HANDLING AND USE:

Spill Procedures: Eliminate ignition sources and soak up the spill with non-combustible absorbent material. Remove absorbent material to a chemical disposal area.

Waste Disposal: Dispose of all material in accordance with federal, state, and local regulations.

VIII. SPECIAL PROTECTION INFORMATION:

Respiratory Protection: Use NIOSH/MSHA approved equipment if necessary to maintain exposure below limits.

Protective Gloves: Rubber, neoprene, or nitrile gloves are recommended.

Eye Protection: Safety goggles are recommended.

Ventilation: Local exhaust is recommended to stay below exposure limits.

IX. SPECIAL PRECAUTIONS:

Handling and Storage: Keep bottle tightly closed when not in use. Avoid use in unventilated area where ignition may occur. Avoid breathing of vapor and contact with skin, eyes, or clothing. Store away from heat or open flame. Wash thoroughly after handling.