

MATERIAL SAFETY DATA SHEET

SKIN MARKING INK

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Product/Chemical Name: Skin Marking Ink

Formula: Solution of Gentian Violet and Brilliant Green, each less than 1% in a solution of 50% ethanol in water.

Synonyms: Crystal Violet; Basic Green I; Ethanol-ethyl alcohol

CAS: Gentian violet 548-62-9; brilliant green 633-03-4

Chemical Formulas: $C_{25}H_{30}ClN_3$, M.W. 408.0; $C_{27}H_{34}N_2O_4Si$ M.W. 482.64; C_2H_5O ; H_2O

Physical Description: Intense blue liquid. Stains skin and many objects a deep blue color.
BP of solution unknown. Water soluble.

Potentially Hazardous ingredient: Ethanol (50%) in water with denaturants (type unknown):

Non-hazardous: Crystal violet, brilliant green, water

Unusual Fire/Explosion Hazards: Ethanol is flammable. Burns with a blue flame which may not be visible.

Extinguishing media: Use water fog, carbon dioxide, foam or dry chemical (water may be ineffective).

Reactivity: Stable under normal temperatures and pressure.

Hazardous Decomposition Products: Thermal decomposition products include toxic and corrosive hydrogen chloride.

Spill or Leak Procedures

Action: For large spills, sweep up with a minimum of dusting and place into suitable clean, dry containers for reclamation or later disposal. To remove stain from skin, use soap and water occasionally over several days to remove.

Disposal Method: To be performed in compliance with all current local, state and federal regulations.

Threshold Limit Value: N/A

Overexposure Effects: Repeated or prolonged exposure may cause symptoms of respiratory tract irritation leading to pulmonary edema with hypotension and dizziness.

Potential Carcinogen: No

First Aid Procedures

Skin: Remove contaminated clothing and wash area with soap and water for at least 15 minutes until no evidence of chemical remains. Get medical attention immediately.

Eye: Check for and remove any contact lenses. Flush with water for 15-20 minutes. Get medical attention.

Ingestion: Check for and remove any dentures. One ounce contains denatured ethyl alcohol in the amount found in "one shot" of 100 proof alcoholic beverage. The alcohol has been rendered unfit for consumption by the addition of denaturants. Dilute immediately with large amounts of water or milk and remove by gastric lavage unless the victim is already vomiting. Get medical attention immediately. Gastric lavage should be performed by qualified medical personnel.

Inhalation: Remove to fresh air. Give oxygen if necessary, get medical attention.

Storage Recommendations: Store in a cool, dry place protected against light.

Special Protection Information

Exhaust ventilation recommended. Protective gloves and safety goggles required.

Special Handling Precautions

N/A