



**MATERIAL SAFETY DATA SHEET**

**Name:** PERMACAV 50

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

**Hazard Identification:**

**INHALATION:** Highly irritating to upper respiratory tract. May cause inflammation of lining of nose, throat, and lungs, with bronchopneumonia and edema possible from extremely irritating exposure. Can cause central nervous system depression.

**SKIN:** Contact with liquid causes drying, cracking, and scaling. Prolonged and repeated contact causes a hardening or tanning effect. May cause contact dermatitis or other allergic reactions.

**EYE CONTACT:** Exposure to high vapor concentrations or contact with liquid causes tearing and severe irritation. Contact with liquid causes severe burns.

**INGESTION:** Poisonous if swallowed. Causes severe irritation to mouth, throat, and stomach. Severe stomach pains will follow with possible loss of consciousness. Blindness or death may occur.

**Emergency and First Aid Procedures:**

**INHALATION:** Remove person from contaminated area. If breathing has stopped, give artificial respiration. If breathing is difficult, administer oxygen. Contact a physician.

**SKIN:** Remove contaminated clothing. Wash skin with large amounts of water. If irritation persists, contact a physician.

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

**INGESTION:** If the person is conscious, induce vomiting immediately by giving 2 glasses of water and pressing a finger down the throat. Repeat until vomit is clear, then give milk. Contact a physician immediately.

**VII. SAFE HANDLING AND USE:**

**Spill Procedures:** Eliminate ignition sources, and soak up the spill with noncombustible absorbent material. Neutralize with a diluted solution (<5%) of ammonia or sodium sulfite. Remove absorbent material to a chemical disposal area.

**Waste Disposal:** Improper disposal can cause damage to the environment. Dispose of all material in accordance with federal, state, and local regulations.

**VIII. SPECIAL PROTECTION INFORMATION:**

**Respiratory Protection:** A full face shield/goggles combination or appropriate respirator, NIOSH/MSHA approved, should be used if exposure limits are exceeded. See Table 1, 29 CFR 1910.1048g.

**Protective Gloves:** Rubber, neoprene, nitrile, or other waterproof gloves.

**Eye Protection:** Safety goggles for normal use.

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

**IX. SPECIAL PRECAUTIONS:**

**Handling and Storage:** Avoid contact with eyes, skin, and clothing. Avoid prolonged breathing of vapor. Do not store for long periods of time below 35°F (2°C) or above 110°F (43°C). Keep containers tightly closed when not in use. Wash thoroughly after handling.