

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

PRODUCT NAME: MY-29 Cement Gray

PRODUCT DESCRIPTION: PAINT

PRODUCT FORMULATION NAME: MY-29 Cement Gray PAINT

GENERIC NAME: PAINT

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt. %</u>	<u>CAS# EINECS#</u>
Isobutyl alcohol	10 - 15	78-83-1
N-Butyl-acetate	10 - 15	123-86-4

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Cement Gray liquid.

IMMEDIATE CONCERNS: CAUTION! May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYES: May cause moderate burning, tearing, redness and swelling.

SKIN: Moderate irritation and discomfort. Defeating of skin and redness are possible.

Toxic systemic effects from absorption are expected to be minor.

INGESTION: Gastrointestinal tract irritation and/or discomfort are possible.

INHALATION: Dizziness, impaired coordination, headaches and loss of consciousness.

Severe respiratory tract irritation.

Toxic systemic effects are possible.

MEDICAL CONDITIONS AGGRAVATED: Disorders of the skin, respiratory and central nervous system.

ROUTES OF ENTRY: Absorption, Inhalation

TARGET ORGAN STATEMENT: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage (sometimes referred to as Solvent or Painters')

Syndrome). Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. If irritation persists, seek medical attention.

SKIN: Wash exposed area with mild soap and water. Get medical attention if irritation develops or persists.

INGESTION: Do not Induce Vomiting. Get immediate medical attention.

INHALATION: Remove victim from area of exposure. If unconscious, give oxygen. Give artificial respiration if not breathing. Get immediate medical attention.

NOTES TO PHYSICIAN: Exposure to high concentrations of this material (e.g., in enclosed spaces or with deliberate abuse) may be associated with cardiac arrhythmias. Epinephrine and other sympathy mimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. If sympathy mimetic drugs are administered, observe for the development of cardiac arrhythmias.

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: (81°C/178°F) ASTM D56

FLAMMABLE LIMITS: 1.0 to 7.0

AUTOIGNITION TEMPERATURE: (810°C/1492°F) to (984°C/1803°F)

EXTINGUISHING MEDIA: Use dry chemical, foam, or carbon dioxide.

EXPLOSION HAZARDS: Vapor accumulations may flash and/or explode if ignited. Keep ignition sources, open flames, etc., away from these fumes.

FIRE FIGHTING PROCEDURES: Proper respiratory equipment to protect against the hazardous effects of combustion products is recommended. Water in a straight hose stream may cause fire to spread and should be used as a cooling medium only.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.

LARGE SPILL: Contain material as described above and call the local fire or police department for immediate emergency assistance.

7. HANDLING AND STORAGE

HANDLING: Open container slowly to relieve any pressure. Bond and ground all equipment when transferring from one vessel or container to another. This material can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. Use explosion proof equipment as directed by local fire codes.

STORAGE: Store unopened containers under cool, dry and ventilated conditions. Keep away from heat, sparks and flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure guidelines, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles when handling this material.

SKIN: To prevent any contact, wear impervious protective clothing such as neoprene or butyl rubber gloves, apron, boots or whole bodysuit, as appropriate.

RESPIRATORY: Use NIOSH/MSHA approved respirators when vapors or mist concentrations exceed permissible exposure limits.

PROTECTIVE CLOTHING: Chemical resistant boots, apron, etc. as necessary to prevent contamination of clothing and skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Light Aromatic

APPEARANCE: Colored

COLOR: Cement Gray

pH: Not Applicable

PERCENT VOLATILE: 30

VAPOR PRESSURE: 7 mmHg at 20°C

VAPOR DENSITY: 3.66 (Air=1)
BOILING POINT: 138.0°C
FREEZING POINT: Not Determined
MELTING POINT: 12.2°C
SOLUBILITY IN WATER: Negligible
FLASH POINT: 17.0°C
EVAPORATION RATE: Information not available
SPECIFIC GRAVITY: 0.87 (water=1) at (60°F)

10. STABILITY AND REACTIVITY

STABLE: YES
HAZARDOUS POLYMERIZATION: NO
CONDITIONS TO AVOID: Exposure to excessive heat, open flames and sparks. Avoid conditions that favor the formation of excessive mists and/or fumes.
STABILITY: Stable
POLYMERIZATION: Will not occur
INCOMPATIBLE MATERIALS: Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

TARGET ORGANS: A six week inhalation study with the liquid produced hearing loss in rats.
REPRODUCTIVE EFFECTS: The liquid produced limited evidence of fetal toxicity in laboratory animals. Inhalation and oral administration of the liquid resulted in decreased fetal weight, increased incidences of delayed bone development, skeletal variations and missed abortions.

12. ECOLOGICAL INFORMATION

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Conditions of use may cause this material to become a hazardous waste as defined by state or federal law. Use approved treatment, transporters and disposal sites.
FOR LARGE SPILLS: Extinguish possible sources of ignition. Evacuate all unprotected personnel and ventilate area. Only personnel equipped with proper respiratory, skin/eye protection should enter spill area. Dike area to contain spill and clean up by absorbing on an inert absorbent or other means. Don't flush into sewers or natural waterways.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: HEAT RESISTANT PAINT

UN-NO. : 1866

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: III

LABEL: Flammable Liquid
