

MATERIAL SAFETY DATA SHEET

Complies with U.S. Department of Labor Occupational Safety and Health Administration
For OSHA Hazard Communication Standard Specific Requirements Consult: 29 CFR 1910.1200

SECTION I - PRODUCT IDENTIFICATION

Manufactured For: Sino-American Pigment Systems, Inc.
1620 Norvell Street
El Cerrito, CA 94530 USA

Date of Creation: July 28, 2009

Product Identification:

Product Name: EME 1900
Chemical Family: Aliphatic Epoxide
CAS Number: 68609-97-2

Emergency Information:

Information Phone: 510 848 8890
Chemtrack Phone: 800 424 9300

Hazardous Materials Identification System Index Rating: Severe-4, Serious-3, Moderate-2, Slight-1, Minimal-0
[2] Health [1] Flammability [0] Reactivity [E] Personal Protection

SECTION II - HAZARDOUS IDENTIFICATION

Eye Contact

- Dust may cause mechanical irritation

Inhalation

- Dust is to the respiratory tract. Target Organs: Lungs (silicosis)

Skin Contact

- Dust may cause mechanical irritation

Ingestion

- May cause irritation of the digestive tract

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

Material or component

Aliphatic Epoxide

CAS Number

68609-97-2

%

99%

Hazard Data

Not available

Specific Gravity/Density

0.89

Solubility in Water

Insoluble in water

Stability

Stable under normal conditions

Appearance

Clear Liquid

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

GENERAL INFORMATION:

Material will not burn. Use extinguishing media appropriate to the surrounding fire.

FIRST RESPONDERS

Wear protective gloves, boots, goggles, and respirator. In case of fire, wear positive pressure breathing apparatus. Approach the incident with caution. Use Emergency Response Guide NAERG 96 (RSPA P5800.7). Guide No.140.

FLASHPOINT

Not available

FLAMMABLE OR EXPLOSIVE LIMITS

Lower: Not available Upper: Not available

EXTINGUISHING MEDIA

For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant form

SPECIAL FIREFIGHTING INFORMATION

Use protective clothing and breathing equipment appropriate for the surrounding fire

SECTION V - HEALTH HAZARD DATA

Eye Contact

- Immediately flush eyes with lukewarm water for at least 15 minutes, holding the eyelids apart to ensure flushing of the entire surface.

Inhalation

-Remove person to fresh air. If breathing is difficult, give oxygen

Ingestion

Skin Contact

-Never give anything by mouth to an unconscious or convulsing person. If person is conscious, give large quantities of water or milk.

-Immediately wash contaminated areas with water. Remove contaminated clothing and footwear (Caution: Solution may ignite certain textiles). Wash clothing and decontaminate footwear before reuse.

SECTION VI – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection In the case where exposure to dust may occur, use an approved NIOSH-MSHA dust respirator or an air supplied respirator. Engineering or administrative controls should be implemented to control dust.

Eye Faceshield, goggles, or safety glasses with side shields should be worn. Provide eye wash in working area.

Gloves Rubber or plastic gloves should be worn.

Other Protective Equipment Normal work clothing covering arms and legs, and rubber, or plastic apron should be worn. Caution: If clothing becomes contaminated, wash off immediately. Spontaneous ignition may occur with cloth or paper.

SECTION VII - SPILL OR LEAK PROCEDURES

General Information Use proper personal protective equipment as indicated in Section VI

Spill or Leaks Vacuum or sweep up material and place into a suitable disposal container. Avoid generating dusty conditions..

SECTION VIII - SAFE HANDLING AND STORAGE

Handling Use only in a well ventilated area. Minimize dust generation and accumulation. Avoid ingestion and inhalation.

Storage Store in a tightly closed container. Store in a cool, dry, and ventilated area. Protect against physical damage. Storage segregation hazard classes: N/A

SECTION VIII – PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE AND ODOR	White Powder, odorless
BOILING POINT, 760 mm Hg	> 200 C
VAPOR PRESSURE (mm Hg)	0.6 mmHg at 21C
SOLUBILITY IN WATER % BY SOLUTION	Insoluble in water
PERCENT VOLATILE BY VOLUME	<1%
EVAPORATION RATE	N/A
MELTING POINT	N/A
pH	no
OXIDIZING PROPERTIES	no.
EXPLOSIVE PROPERTIES	no

SECTION X – STABILITY and REACTIVITY

Stability Under normal conditions, the material is stable.

Conditions To Avoid Incompatible materials and moisture

Incompatible Materials Strong acids and hydrogen fluoride

Hazardous Decomposition Product Not available

SECTION XI – DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations