



FOR THOSE WHO KNOW

HAZARD
RATING
4=Extreme
3=High
2=Moderate
1=Slight
0=Insignificant
Reactivity: 1
Health: 2
Flammability: 3
Special

MATERIAL SAFETY DATA SHEET (MSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name: Lightbox Clear Gel
Manufacturer: FPO
Manufacturer Address: 23202 Haggerty Road
Farmington Hills, MI 48335
Emergency Phone: (800) 424-9300
General Phone: (888) 544-8214

2. INGREDIENTS/COMPOSITIONAL INFORMATION

Chemical formulations of this type are based on acrylate/methacrylate chemistry, and contain monofunctional and multifunctional acrylate/methacrylate monomers/oligomers and photoinitiators. The specific identity of the ingredients is considered proprietary and a trade secret. The product in the uncured state is a potential sensitizer, a primary eye irritant and a moderate skin irritant.

3. FIRE AND EXPLOSION HAZARD INFORMATION

Extinguishing Media: Dry chemical, Carbon dioxide, water, water fog, foam

Basic Fire Fighting Procedures: Do not enter the fire area without proper protection. Fight the fire from a safe distance and protected location. Heat and Impurities may increase temperature and build pressure that can rupture the container, and spread the fire, increasing risk of injuries. Use water spray, fog for cooling. Notify authorities if the liquid enters the sewer or public water.

Flash Point: >200 F

Auto Ignition Temperature: N/A

Flammability Limits in Air, Lower, % by Volume: Unknown

Flammability Limits in Air, Upper, % by Volume: Unknown

4. HEALTH HAZARD INFORMATION

Potential Health Effects on Skin: May cause delayed irritation potential sensitizer.

Potential Health Effects on Eye: May cause moderate irritation, including burning sensation, tearing, redness or swelling.

Potential Health Effects on Inhalation: YES

Potential Health Effects on Ingestion: YES

5. HEALTH HAZARD DATA/FIRST AID INFORMATION

Skin: Wash thoroughly with soap and water. Do not use solvent. Remove contaminated clothing and wash before reuse.

Eye: Immediately flush eyes with clear water for at least 15 minutes. Get medical attention.

Inhalation: If effected, move to fresh air, restore breathing if necessary, seek medical attention

Ingestion: Induce vomiting and seek medical attention.

6. REACTIVITY INFORMATION

Stability/Incompatibility

Unstable may polymerize

Incompatibility-Strong oxidizers, peroxides, and free radical initiators

Hazardous Reactions/Decomposition Products

Decomposition-N/A

Conditions to avoid- Heat, direct sunlight, strong oxidizing agents, freezing conditions, ultraviolet radiation.

Hazardous Polymerization

May occur.

7. ENVIRONMENTAL IMPACT/SPILL OR LEAK PROCEDURES

Spill or Leak Procedure

Eliminate all ignition sources. Persons not wearing protective equipment should be excluded from the area of spill. Stop the spill at the source, dike the area to contain the spill, pump salvage containers or absorb with inert material.

8. SPECIAL PROTECTION INFORMATION

Eye Protection: Personal Protection Equipment (PPE)

Chemical protective goggles

Skin Protection: Personal Protection Equipment (PPE)

Rubber apron, impermeable gloves

Respiratory Protection: Personal Protection Equipment (PPE)

For large spills use a respirator approved for organic mists and vapors.

9. SPECIAL PRECAUTIONS/STORAGE AND HANDLING EQUIPMENT

Storage & Handling:

Avoid eye and skin contact. No direct sunlight. Keep away from excess heat. Prevent freezing. Store in a tight closed container. Keep away from heat, sparks, open flame, strong oxidizing agents, radiation and other initiators. Prevent contamination by foreign materials. Promptly remove contaminated clothing.

10. MISCELLANEOUS INFORMATION

Disclaimer:

The data contained herein is based upon information that FPO believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, express or implied, regarding accuracy of the information, the hazards connected with the use of the material or results to be obtained from the use thereof.

