

MATERIAL SAFETY DATA SHEET

I. IDENTIFICATION OF PRODUCT

UNISCOPE, INC.
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TRADE NAME: **MOLASTIK**
CHEMICAL NAME: Proprietary mixture of precipitated chalk, calcium hydroxide, ferrous carbonate, magnesium hydroxide, sodium salts of fatty acids, sodium acid pyrophosphate, locust bean gum, karaya gum, potassium hydroxide, iron oxide, hydrogenated tallow glycerides and anethole.

II. HAZARDOUS COMPONENTS OF MIXTURES

COMPONENT	CAS#	%	TLV (UNITS)
Calcium hydroxide	1305-62-0	>1%	ACGIH: 5mg/m ³ 8 hr TWA respirable

III. PHYSICAL DATA

BOILING POINT:	Not applic	VAPOR DENSITY (AIR=1):	Not applic
BULK DENSITY:	29 lb/cu ft	pH:	12.4
SPECIFIC GRAVITY:	0.53 gm/cc	APPEARANCE:	Tan granules or powder
SOLUBLE IN WATER:	Partial	ODOR:	Slight anise
VAPOR PRESSURE (mm OF Hg) @ 20 D C:	Not applic		

IV. FIRE & EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD):	None known
FLAMMABLE LIMITS (UEL AND LEL):	None known
EXTINGUISHING MEDIA:	CO ₂ , Dry chemical, Water fog or foam
SPECIAL FIRE FIGHTING PROCEDURES:	As indicated for surrounding fire.
UNUSUAL FIRE AND EXPLOSION HAZARD:	None known

V. REACTIVITY DATA

STABILITY:	None known
INCOMPATIBILITY (MATERIALS TO AVOID):	Acid
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur

VI. HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Corrosive. Ingestion is followed by pain and vomiting. May cause conjunctivitis and may be corrosive with prolonged contact. May cause throat and bronchial irritation. Skin absorption and inhalation may be possible. Because of solubility, further penetration is possible and may continue for several days. Extent of damage depends on duration of contact.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Wash immediately with large amounts of water, occasionally lifting upper and lower lids, until no evidence of chemical remains (approximately 15-20 minutes). A near neutral solution of 0.01 to 0.05 molar sodium EDTA is helpful as an irrigant to loosen masses from tissues. Get medical attention immediately (Grant toxicology of the eye, volume II. Treatment similar to that of hydrated lime).

SKIN: Wash thoroughly with soap and water.

INGESTION: Dilute by giving water or milk to drink immediately and allow vomiting to occur. As soon as possible, examine mouth and throat and irrigate injured areas with 1% acetic acid until alkali is completely neutralized. Avoid gastric lavage or emetics. (Dreisbach, handbook of poisoning, 11th ed. Treatment similar to that of hydrated lime.)

INHALATION: Remove to fresh air.

CARCINOGEN STATUS: Not listed as a carcinogen by IARC, NTP, OSHA or ACGIH.

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Sweep up spill and landfill. Traces of residue may be washed into sewers; larger amounts may require neutralization. Dispose of in accordance with all applicable local, state and federal requirements.

WASTE DISPOSAL METHOD: State and local laws may differ from federal law. Consult counsel for further guidance on your local laws. Wastewater can be washed into sewage line.

CONTAINER DISPOSAL: Completely empty bag. Dispose of in a sanitary landfill or by other procedures approved by the appropriate authorities.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: A NIOSH-MSHA approved respirator must be used to control below PELs and TLVs. If dust levels reach 5 mg/m³, recommend use 8720 3M disposable particulate respirator with a NIOSH/MSHA approval for dusts and mists with a permissible exposure level "not less than 0.05 mg/m³". These respirators are more than adequate by a factor of 100.

VENTILATION: LOCAL: Yes SPECIAL: Not Required
MECHANICAL: Yes OTHER: None

PROTECTIVE GLOVES: Wear rubber or impervious gloves

EYE PROTECTION: Chemical workers goggles. Eye wash fountain should be available.

OTHER PROTECTION: Use protective clothing and gloves to minimize the possibility of skin contact.

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN STORAGE AND HANDLING: Store in a cool dry place. Material becomes slippery when wet. Keep containers closed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children and domestic animals.

X. REGULATORY INFORMATION

Components which could require reporting under SARA TITLE III are:	None
CHEMICAL %	CAS NUMBER
SARA TITLE III HAZARD CATEGORY	
IMMEDIATE: Yes	FIRE: No REACTIVITY: No
DELAYED: No	SUDDEN RELEASE OF PRESSURE: No
FREIGHT CLASS: ITEM 67070	CLASS 50
DOT REGULATION: Not Regulated	

Legal responsibility is assumed only for the fact that all studies reported here and all opinions are those of qualified experts. Buyer assumes all risks & liability. He accepts and uses this material on these conditions. He must have a copy of this MSDS where this material is handled.

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