

Material Safety Data Sheet  
 May be used to comply with  
 OSHA's Hazard Communication Standard  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

HMIS Protection code: E



IDENTITY (As Used on Label and List)

**Palaprim**

Note: Blank spaces are not permitted. If any Item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name

**CASAMORA Inc.**

Emergency Telephone Number

(011) 336-14 08 74 17

Address (Number, Street, City, State, and ZIP C1 323 837-7100Ameode)  
 64th East 55th street

Telephone Number for Information  
 562-423 9607

LONG BEACH CA 90805

Date Prepared  
 7-10-2001

Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Names(s))	Vapor Pressure	@Temp	Weight Percent	CAS Number
PROPYLENE GLYCOL OSHA: N/E, ACGIH TLV: N/E, OTHER: N/E	.04	68	1	57-55-6
2,2,4-3METHYL-1, 3 PENTANED. 1-ISOBUT OSHA: N/E, ACGIH TLV: N/E, OTHER: N/E	.004	68	1	25265-77-4

**Section III - Physical/Chemical Characteristics**

Boiling Point	212 F.°	Specific Gravity (H <sub>2</sub> O=1)	1.27	2.3 - 2.6
COATING VOC g/Lt 47	.04	MATERIAL VOC g/Lt	16	decomposition N. A.
Vapor Density (AIR = 1)	Heavier than air	Evaporation Rate (Butyl Acetate = 1)	Slower than ether	N. A.

Solubility in Water

**DILUTABLE**

Appearance and Odor

**VISCOUS LIQUID. MILD ODOR**

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Methods Used) NOT APPLICABLE	Flammable Limits NOT APPLICABLE	LEL N. A.	UEL N. A.
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Extinguishing Media

**FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG**

Special Firefighting Procedures

Water may be used to cool closed container to prevent pressure build up when exposed to extreme heat. Wear adequate fire fighting equipment including a self contained breathing apparatus

Unusual Fire and Explosion Hazards

**POLYMER FILM CAN BURN. MATERIAL CAN SPLATTER ABOVE 212 F. DEG**

\*SPECIFIC CHEMICAL IDENTITIES WITHHELD AS TRADE SECRET PURSUANT TO OSHA REGULATIONS.

**Section V - Reactivity Data**

Stability	stable	YES	Conditions to Avoid EXCESS HEAT MAY CAUSE CONTAINER TO RUPTURE. AVOID TEMPERATURE BELOW 40 F.
Incompatibility (Materials to Avoid) AVOID MATERIALS THAT ARE WATER REACTIVE. ALSO AVOID STRONG ALKALINE AND ACIDIC SUBSTANCES			Hazardous Decomposition or Byproducts: CO, CO2 VARIOUS HYDROCARBONS, ETC., BY COMBUSTION.
Hazardous Polymerization	WILL NOT OCCUR		Conditions to Avoid NOT APPLICABLE

**Section VI - Health Hazard Data**

Route(s) of entry	Inhalation? YES	Skin? NO	Ingestion? YES
Health Hazards ( Acute and Chronic) VAPOR OR MIST CAN CAUSE HEADACHE, NAUSEA AND IRRITATION OF THE NOSE, THROAT AND LUNGS. USE GOOD PERSONAL HYGIENE PRACTICE WHILE WORKING WITH THIS MATERIAL. FOR EYE CONTACT, FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. MAY BE HARMFUL OR FATAL IF SWALLOWED. INGESTION MAY CAUSE NAUSEA, VOMITING, DIARRHEA, AND GASTROINTESTINAL IRRITATION. CONSULT A PHYSICIAN.			
Carcinogenicity: NOT APPLICABLE	NTP? NOT APPLICABLE	IARC Monographs? NOT APPLICABLE	OSHA Regulated? NO
Signs and Symptoms of exposure			

EYES ARE PARTICULARLY VUNERABLE.

**Medical Conditions**

Generally Aggravated by Exposure OVEREXPOSURES TO VAPORS CAN CAUSE HEADACHES, DIZZINESS AND NAUSEA

**Emergency First Aid Procedure**

DERMAL: CLEAN WITH SOAP AND WATER.

INGESTION: CONSULT A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR.

EYE CONTACT: FLUSH WITH WATER. CONSULT A PHYSICIAN

**Section VII - Precautions for Safe Handling and Use****Steps to be Taken in Case Material is Released or Spilled**

WIPE UP IMMEDIATELY AND SAFELY DISCARD ABSORBANTS. IN THE EVENT OF LARGE SPILLS, DIKE THE AREA AND PUMP THE MATERIAL TO AN EPA PERMITTED WASTE TANK.

**Waste Disposal Method**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS CURRENTLY IN FORCE FOR THIS PRODUCT HAZARD CLASS.

**Precautions to be Taken Handling and Storage**

USE WITH ADEQUATE VENTILATION. AVOID PROLONGED BREATHING VAPOR. AVOID PROLONGED OR REPEATED SKIN CONTACT. KEEP AWAY FROM EXCESSIVE HEAT.

**Other precautions**

AVOID ALL SOURCES OF HEAT, OPEN FLAMES, SPARKS AND STATIC ELECTRICITY.

**Section VII - Control Measures****Respiratory Protection (Specify Type)**

NONE REQUIRED IF AIRBORNE CONCENTRATIONS ARE MAINTAINED BELOW THE OCCUPATIONAL EXPOSURE LIMITS LISTED IN SECTIONS II. FOR AIRBORNE CONCENTRATIONS HIGHER THAN SUCH LIMITS WEAR A MSHA/NIOSH APPROVED MASK FOR ORGANIC VAPOR, DUST, MIST & FUMES.

Ventilation	Local Exhaust MAINTAIN GOOD VENTILATION	Special NOT APPLICABLE
	Mechanical (General) APPLY ADEQUATE VENTILATION TO KEEP CONCENTRATION BELOW 125MG/CUM	Other VENT TO DUST COLLECTOR

**Protective Gloves**

NEOPRENE GLOVES SHOULD BE WORN TO REDUCE THE EFFECTS OF SKIN OVER-EXPOSURE

**Eye Protection**

GOGGLES OR FACE SHIELD ARE RECOMMENDED

Other Protective Clothing or Equipment: TO PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR PROTECTIVE CLOTHING AND BOOTS

**Work/Hygienic Practices**

EYE WASHES & SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED, AS WELL AS BARRIER CREAMS, DAILY SHOWERS

& CHANGE OF CLOTHES.