

HASTINGS PLASTICS COMPANY

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PRODUCT DATA
MSDS JM94-3
Revised 04/15/05
Replaces 08/23/94

JM 94-3

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME - HASTINGS PLASTICS COMPANY
PRODUCT INFO/SALES - (310) 829-3449
EMERGENCY PHONE NUMBER - 24 HOUR (800) 424-9300
PRODUCT NAME - JM 94-3
PRODUCT CODE NUMBER - JM 94-3
CHEMICAL NAME - Mixture Polyisoprene Compound
SYNONYMS - Polyisoprene Compound
T.S.C.A. STATUS - N/A

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENTS</u>	<u>CAS NO</u>	<u>WEIGHT %</u>	<u>VALUE</u>	<u>EXPOSURE TIME</u>	<u>EXPOSURE TYPE</u>	<u>LIST</u>
kaolin	1332-58-7	10-30	5mg/m3	PEL	RESPIRABLE FRACTION	OSHA Z1
			15mg/m3	PEL	TOTAL DUST	OSHA Z1
			2MG/M3	TWA	RESPIRABLE FRACTION	ACGIH

This product is a water based mixture with an ammonia order. The mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. The product is not combustible, but it will burn if involved in a fire, releasing hydrocarbon products of combustion. Inhalation of the ammonia from this product may cause respiratory irritation, coughing, sore throat, and labored breathing.

SECTION III - PHYSICAL DATA

COLOR AND ODOR - Creamy white liquid with slight ammonia odor.
VAPOR PRESSURE - Same as water.
VAPOR DENSITY - Same as water.
SPECIFIC GRAVITY
(H₂O = 1) - 0.96
SOLUBILITY IN WATER - Miscible.
BOILING POINT - 212°F (water)
FREEZING POINT - 32°F (water)
V.O.C. (Gms/Liter) - None

SECTION IV - FIRE AND HAZARD EXPLOSION DATA

FLASH POINT °F - Not Determined
FLAMMABLE LIMITS - None
AUTOIGNITION
TEMPERATURE - Not known
EXTINGUISHING MEDIA - Water, CO₂, or dry chemical for dried films.
SPECIAL FIRE FIGHTING PROCEDURES - Wear self-contained breathing apparatus

approved by NIOSH. Use water spray to keep containers cool, to keep spillage away from fire and heat, and to knock down vapors.
(Over)

- UNUSUAL FIRE AND
EXPLOSION HAZARDS - Burning of dried Latex films produces dense, black smoke with the potential for toxic vapors.
- HAZARDOUS COMBUSTION - Combustion may produce toxic gases such as oxides of carbon.

SECTION V - HEALTH EFFECTS DATA

- ANIMAL TOXICITY - N/A.
- ORAL, LD50 (INGESTION) - N/A.
- EYE EFFECTS - Irritation.
- SKIN EFFECTS - May cause redness, irritation, and burns.
- THRESHOLD LIMIT VALUE - 25 ppm for ammonia.
- EFFECTS OF HUMAN
OVEREXPOSURE - Ammonia causes reversible eye and throat irritation and respiratory distress.

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

POTENTIAL HEALTH EFFECTS

Acute: The main hazard arises from inhalation of ammonia which can be released on standing in an open container or on agitation. The ammonia arises from normal breakdown of ammonium hydroxide which is used to stabilize natural latex. Inhalation of ammonia may cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, and labored breathing. High concentrations may cause laryngitis, tracheitis, pulmonary edema, chest pains, or pneumonitis. Symptoms are generally reversible.

Due to the caustic content of the mixture eye contact may cause irritation with discomfort, tearing, or blurred vision.

Skin contact may cause temporary irritation and redness.

No information on effects of ingestion could be found, however some gastrointestinal distress would be expected.

This mixture contains materials which in their pure state constitute a dust hazard. In the form present they will not dust.

- INHALATION - Move to fresh air in case of accidental inhalation of vapors or fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.
- EYE CONTACT - Flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
- SKIN CONTACT - Rinse with plenty of soap and water. If irritation persists, seek medical attention.
- INGESTION OF FLUID - Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Seek medical attention if necessary..

SECTION VII - EMPLOYEE PROTECTION RECOMMENDATIONS

- PROTECTIVE GLOVES - Rubber or vinyl.
- EYE PROTECTION - Chemical safety goggles.
- OTHER PROTECTIVE EQUIPMENT - Safety shower and eye wash station.
- RESPIRATORY PROTECTION - When permissible exposure limits (PEL) are exceeded, use a mask supplied with external air or other NIOSH-approved respiratory protection.

SECTION VIII - REACTIVITY DATA

- STABILITY - Stable.
- HAZARDOUS POLYMERIZATION - Will not occur.
- INCOMPATIBILITY - Solvents, acids, metal salts, and other compounds which may coagulate latex.
- CONDITIONS TO AVOID - Extreme temperatures.
- HAZARDOUS DECOMPOSITION PRODUCTS - Carbon dioxide, carbon monoxide, oxides of nitrogen, other hazardous materials, and smoke are all possible.

SECTION IX - REGULATORY DATA

OSHA Status: Classified as hazardous based on components.

TSA: All components of this product are listed on or exempt from the TSA Inventory.

SARA: Title III Section 302 Extremely hazardous substance
Not applicable

(OVER)

US. EPA CERCLA Hazardous Substances (40 CFR 302)

Chemical Name	CAS- No	% in Product	RQ for component	RQ for Mixture
Ziram	137-30-4	0.0033	001 lbs	30,303 lbs

CALIFORNIA PROPOSITION 65: WARNING! THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NATIONAL POLLUTANT RELEASE INVENTORY

Chemical Name	CAS- No	% By WEIGHT	NPRI ID #
Zinc Oxide	1314-13-2	0.14	241

WHMIS CLASSIFICATION : Not controlled

SECTION IX - SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Confine spill to prevent contamination of sewer system or ground water. Absorb liquid with an appropriate absorbent. Spillage will cause slippery conditions.

WASTE DISPOSAL METHOD:

This material contains hazardous ingredients (See Section II). Local, state, and federal regulations must be consulted to determine correct disposal method.

SECTION X - SPECIAL PRECAUTIONS AND STORAGE DATA

STORAGE TEMPERATURE	-	Avoid temperature extremes. Keep from freezing. Mixing without introduction of air may be necessary before use.
AVERAGE SHELF LIFE	-	N/A.
SPECIAL SENSITIVITY	-	N/A.

DISCLAIMER OF LIABILITY

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