

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.

U.S. Department of Labor

Occupational Safety and Health Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072



IDENTITY (As Used on Label and List)

RESIST DEVELOPER RD2

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

Futurrex, Inc.

Emergency Telephone Number

201-579-1324

Address (Number, Street, City, State, and ZIP Code)

44-50 Clinton Street

Telephone Number for Information

201-579-1324

Newton, New Jersey 07860

Date Prepared

9-19-1989

Signature of Preparer (optional)

Katarhi C. Ashie

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	CAS No.	% (optional)
Water	None	None	7732-18-5	
Tetramethyl Ammonium Hydroxide	Not applicable		75-59-2	

Section III — Physical/Chemical Characteristics

Boiling Point (°C)	100	Specific Gravity (H ₂ O = 1)	1
Vapor Pressure (mm Hg.) (20°C)	24	Melting Point (°C)	0
Vapor Density (Air = 1)	0.6	Evaporation Rate (Butyl Acetate = 1)	1

Solubility in Water

Unlimited.

Appearance and Odor

Clear liquid. Slight soap odor.

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)

Nonflammable.

Flammable Limits

None

LEL

None

UEL

None

Extinguishing Media

None

Special Fire Fighting Procedures

None

Unusual Fire and Explosion Hazards

None

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid Avoid materials which react with water.
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Inhalation: not a problem under typical conditions of industrial use.

Skin contact: prolonged skin contact may cause skin irritation.

Ingestion: Not significantly toxic or corrosive.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Eye contact: if any should get into the eye, rinse with water until all traces are washed away.

Medical Conditions

Generally Aggravated by Exposure

Not investigated.

Emergency and First Aid Procedures

Inhalation: no health effects expected. Skin contact: wash contacted skin with soap and water. Ingestion: induce vomiting if any amount is ingested.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Spread absorbent material, collect in containers, wash area with water.

Waste Disposal Method

Dispose of in accordance with all federal, state and local regulations concerning solid waste disposal.

Precautions to Be Taken in Handling and Storing

Store at room temperature. Avoid freezing.

Other Precautions

None.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

None is needed under typical conditions of industrial use.

Ventilation	Local Exhaust	Special
	Normal ventilation is adequate.	
	Mechanical (General)	Other

Protective Gloves

Chemically resistant gloves.

Eye Protection
Chemical splash goggles or face shield.

Other Protective Clothing or Equipment

Usually not needed.

Work/Hygiene Practices

Follow regulations appropriate for handling chemicals.