

Material Safety Data Sheet

May be used 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)

NEGATIVE RESIST NR5-8000

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.

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

12 Cork Hill Road

Franklin, New Jersey 07416

Emergency Telephone Number

973-579-1324

Telephone Number for Information

973-579-1324

Date Prepared

1/19/99

Signature of Prepare (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity: Common Name(s))	OSHA PEL	ACGIH TLV	CAS Number	% (optional)
Cyclohexanone	25 ppm	25ppm	108-94-1	55-65
Resins	N.A.	N.A.	*	30-40
Sensitizers	N.A.	N.A.	*	5-10

Components of the product are registered in the Chemical Substance Inventory according with the Toxic Substance Control Act.

Section III - Physical/Chemical Characteristics

Boiling Point (°C)	155	Specific Gravity (H ₂ O=1)	<1
Vapor Pressure (mm Hg) (20°C)	2	Melting Point (°C)	-47
Vapor Density (AIR=1)	3.4	Evaporation Rate (Butyl Acetate=1)	0.31
Solubility in Water	Negligible		
Appearance and Odor	Yellow liquid. Characteristic odor.		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits. (% volume in air)	LEL	UEL
44°C (TCC)		1.1	12.8
Extinguishing Media.	Carbon dioxide, dry chemical media, alcohol-type or all-purpose-type foam.		
Special Fire Fighting Procedures.	Use water spray to cool fire-exposed containers and structures. Use self contained breathing apparatus and protective coating.		
Unusual Fire and Explosion Hazard.	Flammable vapors may be heavier than air and may travel long distance along the ground before igniting and may flash back to the vapor source.		

		Stable	X	Avoid Heat, sparks, open flames, static electricity.
Incompatibility (Materials to Avoid)				
Hazardous Decomposition or Byproducts.				
Hazardous Polymerization	May Occur		Conditions to Avoid	
			Avoid Heat	
	Will Not Occur	X		
Section VI - Health Hazard Data				
Route(s) of Entry:				
	Yes	Skin?	Yes	Ingestion?
		Yes		Yes
Health Effects (Acute and Chronic)				
Inhalation: may be slightly irritating. Skin contact: may cause defatting and drying. Ingestion: severe ingestion may result in vomiting.				
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?	
	No	No	No	
Inhalation: may cause dizziness, nausea and confusion. Eyes and skin: may cause irritation.				
Emergency and First Aid Procedures				
Inhalation: remove victim to fresh air. Skin contact: wash with soap and water. Ingestion: Do not induce vomiting. Get medical attention.				
Section VII - Precautions for Safe Handling and Use				
Precautions to be taken if Gas Material is Released or Spilled				
Take up spill with absorbent material and place in non-leaking containers; seal tightly for proper disposal.				
Safe Disposal Method				
Place in a disposal facility approved under RCRA regulation for hazardous waste.				
Precautions to be taken if Material is Released or Spilled				
Keep away from sparks and open flames. Keep containers tightly closed. Store away from strong oxidizing agents in a cool and dry place.				
Other Precautions				
None.				
Section VIII - Control Measures				
Respiratory Protection (Specify Type)				
Use NIOSH approved respirator if exposure exceeds exposure limits.				
Ventilation	Local Exhaust	Special		
	Face velocity 60 fpm in confined space.	Use with exhaust equipment with discharge to outdoors.		
	Mechanical (General)	Other		
	Explosion-proof ventilation equipment.	No smoking or open flames.		
Protective Gloves		Eye Protection		
Chemically resistant gloves.		Chemical splash goggles or face shield.		
Other Protective Clothing or Equipment				
Usually not needed				
Work/Hygienic Practices				
Follow regulations appropriate for handling materials.				
Section IX - HMIS Hazard Rating Scale				
Health: 1, Physical: 2, Environmental: 0				