JAN 28 1982

MATERIAL SAFETY DATA SHEET

OMB NO. 45-R0338
May 31, 1976

SECTION I

MANUFACTURER'S NAME AND FSCM (Federal Supply Code for Manufacturers): Lefkowitz Corp. 54689

EMERGENCY PHONE NO.: 213-532-1254

ADDRESS (Number, Street, City, State, and ZIP Code): 215 W. 131st Street Los Angeles, Ca 90061

CHEMICAL NAME AND SYNONYMS:

TRADE NAME AND SYNONYMS: 109 LM 52

CHEMICAL FAMILY: Reactive epoxy resin with polyamide hardener

FORMULA:

FEDERAL STOCK NUMBER (FSN):

GROSS WEIGHT (LBS):

OUTSIDE PACKAGE DIMENSIONS (Inches):

MIL-STD-1341/NATIONAL FIRE PROTECTION ASSOCIATION STD 704M SIGNAL

FLAMMABILITY _____ HEALTH _____ REACTIVITY _____ SPECIFIC HAZARD _____

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, AND SOLVENTS	%	THRESHOLD LIMIT VALUE (Units)	ALLOYS AND METALLIC COATINGS	%	THRESHOLD LIMIT VALUE (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	THRESHOLD LIMIT VALUE (Units)

SECTION III PHYSICAL DATA

BOILING POINT (°F.)	[redacted]	SPECIFIC GRAVITY (H_2O=1)	adhesive - 1.22 Activator 0.97
VAPOR PRESSURE (mm Hg.)	NA	PRECENT VOLATILE BY VOLUME (%)	0
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1)	non volatile
SOLUBILITY IN WATER	Insoluble		

APPEARANCE AND ODOR: Thixotropic paste, gray color, moderate not-unpleasant odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS	LOWER EXPLOSIVE LIMIT	UPPER EXPLOSIVE LIMIT
Adhesive - 320°F Activator - 510°F (Cleveland Open Cup)			

EXTINGUISHING MEDIA: Water or Carbon Dioxide

SPECIAL FIRE FIGHTING PROCEDURES: not required

UNUSUAL FIRE AND EXPLOSION HAZARDS: none

DD FORM 1 JUN 71 1813

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Involves no specific hazards

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

In case of skin contact, wash well with soap & water. Do not use organic solvents on the skin.

SECTION VI REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
Excellent long term	UNSTABLE		Prolonged storage at temperatures higher than 80°F
	STABLE	X	

INCOMPATABILITY *(Materials to avoid)*

Amines

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		Polymerization with strong exotherm may occur with many reactive amines
	WILL NOT OCCUR		(but no decomposition or explosive hazard)

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spilled material may be removed with trowel, spatula, or similar utensil. Affected area may be cleaned with organic solvent (ketone, chlorinated hydrocarbon etc.)

WASTE DISPOSAL METHOD

Conventional waste disposal methods are adequate

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*

respirators recommended in enclosed areas with poor ventilation

VENTILATION	LOCAL EXHAUST	SPECIAL
Use with adequate ventilation	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
recommended in all operations	recommended at all times

OTHER PROTECTIVE EQUIPMENT

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid prolonged or repeated skin exposure as sensitive individuals may develop skin dermatitis

OTHER PRECAUTIONS

SECTION X TRANS. DATA

PROPER SHIPPING *(Article)* NAME	DOT CLASSIFICATION

DOT LABEL	DOT MARKING	EMERGENCY ACCIDENT PRECAUTIONS AND PROCEDURES

DOT PLACARD	PRECAUTIONS TO BE TAKEN IN TRANSPORTATION