Material Safety Data Sheet

443-3-R66

Manufacturer's Name: SIKKENS AEROSPACE FINISHES DIVISION

Emergency Telephone No.: (213) 320-6800

Address: 20846 S. Normandie Avenue
Torrance, California 90502

Other Information Calls: (213) 320-6800

Signature of Person Responsible for Preparation: Lee A Wickenson

Date Prepared: May 1986

SECTION 1 - IDENTITY

Common Name: (used on label) Epoxy

Metal Free ( )
Metal Bearing (X)

Trade Name & Synonyms: 443-3 Series 3:1 With X-304

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Components(s) (chemical & common names)	Cas No.	% Wt.	ACGIH Threshold Limit Value PPM	ACGIH Threshold Limit Value MG/M³	OSHA Permissible Exposure Limit PPM	OSHA Permissible Exposure Limit MG/M³	LEL	Vapor Pressure (mm Hg)
Flamable Liquid Class 1B								
Methyl Ethyl Ketone	78-93-3	20-25	200	590	200	590	1.8	70
Toluene (Skin)	108-88-3	5-10	100	375	—	—	1.2	22
Xylene (Skin)	330-20-7	5-10	100	435	100	435	1.0	7
N-Butyl Acetate	123-86-4	5-10	150	710	150	710	1.7	8
2-Butoxyethanol (Skin)	111-76-2	<5	25	120	50	240	1.1	1
N-Butyl Alchohol (Skin)	71-36-7	<5	C50	C150	100	300	1.7	4
Chromate Compounds as:								
Pb	7439-92-1	<.02	—	.15	—	.05	—	—
Cr	7440-473	<.01	—	0.5	—	0.5	—	—

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Range: 176 To 340°F

Specific Gravity (H₂O=1): 1.19

Vapor Pressure (mm Hg): 1 To 70

Percent Volume by Volume (%): 61%

Vapor Density (Air = 1): >1

Evaporation Rate (_____ = 1): Slower Than Ether

Solubility in Water: Negligible

Reactivity in Water: Negligible

Appearance and Odor: White liquid Ketone/fruity odor

Flash Point: 23°F TCC

Flammable Limits in Air % by Volume: Lower 1.0 Upper —

Extinguisher Media: Foam, CO_2, Dry Chemicals

Auto-Ignition Temperature: NE

Special Fire Fighting Procedures: Use water spray only to cool surface and protect personnel. Exclude air. Steam and/or water fog may be used.

Unusual Fire and Explosion Hazards: Do not use water. Vapor forms explosive mixture with air between upper and lower explosion limits. Unopened containers may rupture when hot.

Stability Unstable ☐ Conditions Stable XXXto Avoid Storage at High Temperature

Incompatability (Materials to Avoid) Strong Oxidizing Agents, Inorganic Acids, Sparks and Open Flames. Contact with Moisture.

Hazardous Decomposition Products On Combustion, CO, CO_2, Lead and Chromium Oxides.

Hazardous Polymerization May Occur ☐ Will Not Occur XX Conditions to Avoid None

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value See Section II

Signs and Symptoms of Exposure 1. Acute Overexposure Headache, Nausea, Dizziness, Skin Irritation.

2. Chronic Overexposure Breathing Vapors Will Be Irritating to Nose, Throat & Eyes. Dermatitis for Skin.

Medical Conditions Generally Aggravated by Exposure Dermatitis. Chronic Respiratory Disease.

Chemical Listed as Carcinogen or Potential Carcinogen None

National Toxicology Program Yes ☐ No XX

I.A.R.C. Monographs Yes ☐ No XX

OSHA Yes ☐ No XX

OSHA Permissible Exposure Limit See Section II

ACGIH Threshold Limit Value See Section II

Other Exposure Limit Used

Emergency and First Aid Procedures

1. Inhalation Remove Victim to Fresh Air, Adminster Oxygen. Consult Physician.

2. Eyes Flush with Copious Amounts of Water for at Least 15 Minutes. Consult Physicia

3. Skin Remove Contaminated Clothing. Flush Skin with Water.

4. Ingestion Consult Physician Immediately. Do Not Induce Vomiting.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Air Supplied, Self Contained Respirator in Confined Areas.

Ventilation To Keep Contaminated Concentration Below The TLV

Mechanical (General) Explosion Proof Ventilation Equipment.

Special

Other

Protective Glove Chemically Resistant Gloves.

Eye Protection Safety Glasses, Goggles, or Face Shield

Other Protective Clothing or Equipment Long Sleeves, Protective Apron, Eye Bath and Safety Shower.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Keep Containers Closed When Not In Use. Do Not Handle or Store Near Flames, Heat, Strong Oxidents. Adequate Ventilation Required.

Other Precautions Empty Containers May Be Hazardous, Fumes Are Very Flammable. All Equipment Should Be Electrically Grounded. DO NOT WELD EMPTY CONTAINERS.

Steps to be Taken in Case Material is Released or Spilled Eliminate Source of Ignition. Ventilate Area. Prevent Entering Sewers or Drains. Contain Spill with Sawdust or Other Absorbant. Clean Area.

Waste Disposal Methods Treat as Hazardous Waste. Consult Chemical Waste Disposal and/or Treatment Entity. Refer to Section VI.

IMPORTANT
Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicat