

Safety Data Sheet

SDS # : D-0427

Extra Fast Setting Epoxy

Issuing Date 1986-12-03

Revision Date 2016-04-28

Version 1

Active

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name Extra Fast Setting Epoxy for Xerox Products

Part no. 043P00073

Color Amber
Pure substance/mixture Mixture

Identified uses Adhesives

Supplier Address
Xerox Corporation
Rochester, NY 14644

Xerox Canada LTD.
5650 Yonge Street
North York, Ontario M2M4G7

Emergency telephone Safety Information US: (800) 275-9376
Chemical Emergency only (Chemtrec) (800) 424-9300

2. HAZARDS IDENTIFICATION

Warning

Emergency Overview

May cause sensitization by skin contact
May cause skin and eye irritation

Color	Appearance	Physical state	Odor
Amber	Liquid contained in molded tubing	Liquid	Amine

Classification of the substance or mixture

Consumers

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2
Skin Sensitization	Category 1

GHS Label elements, including precautionary statements

Symbol(s)



Signal Word

Warning

Hazard Statements

H315 - Causes skin irritation
 H319 - Causes serious eye irritation
 H317 - May cause an allergic skin reaction

Precautionary Statements

P302 + P350 - IF ON SKIN: Gently wash with plenty of soap and water
 P362 - Take off contaminated clothing and wash before reuse
 P264 - Wash hands thoroughly after handling
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P337 + P313 - If eye irritation persists: Get medical advice/attention
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention
 P363 - Wash contaminated clothing before reuse

Potential Health Effects

Principle Routes of Exposure

Eye contact, Skin contact, Inhalation

Acute Toxicity

Eyes
Skin

Irritating to eyes
 Causes moderate skin irritation, Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Inhalation
Ingestion

May cause irritation of respiratory tract
 No information available

Chronic effects

Main symptoms

May cause eye and skin irritation

Aggravated Medical Conditions

None under normal use conditions

Environmental hazard

See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Description

This is a two part product. The formulation listed represents both parts as separate elements and, therefore, will total >100%.

Chemical Name	CAS No.	Weight %
Mercapto terminated polymer	72244-98-5	~90
Phenol, polymer with formaldehyde, glycidyl ether	28064-14-4	70-80
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	~10
Bisphenol A - Epichlorohydrin polymer	25068-38-6	20-30

4. FIRST AID MEASURES

General advice

When symptoms persist or in all cases of doubt seek medical advice. Show this material safety data sheet to the doctor in attendance.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes, Call a physician immediately

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated

	clothes and shoes, If skin irritation persists, call a physician
Inhalation	Move to fresh air, If breathing is difficult, give oxygen, If symptoms persist, call a physician
Ingestion	Do not induce vomiting without medical advice
Notes to physician	May cause sensitization of susceptible persons
Protection of first-aiders	No special protective equipment required

5. FIRE-FIGHTING MEASURES

Flammable properties	Flammable
Flash point	190/132 °C / 375/270 °F (Part A/Part B)
Suitable extinguishing media	Dry chemical, Foam, Carbon dioxide (CO ₂)
Unsuitable extinguishing media	None
Specific hazards arising from the chemical	
Vapors may form explosive mixtures with air	
Hazardous combustion products	Phosgene, Hydrogen chloride, Carbon oxides
Explosion Data	
Sensitivity to Mechanical Impact	Not impact sensitive
Sensitivity to Static Discharge	Not sensitive

Protective Equipment and Precautions for Firefighters
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ensure adequate ventilation, Avoid contact with skin, eyes and clothing, Use personal protective equipment
Methods for containment	Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal, Do not dispose of waste into sewer
Methods for cleaning up	Take up with sand or other noncombustible absorbent material and place into containers for later disposal.
Other information	Should not be released into the environment.

7. HANDLING AND STORAGE

Advice on safe handling	Keep away from heat, sparks and open flame. No smoking, Avoid contact with skin, eyes and clothing
Technical measures and storage conditions	Keep in a dry, cool and well-ventilated place
Hygiene measures	None under normal use conditions

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure guidelines

This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Occupational exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment

Consumer use

These recommendations apply to the product as supplied

Respiratory protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Eye/Face protection

Avoid contact with eyes, Safety glasses with side-shields, Eye wash bottle with pure water

Skin and body protection

Wear protective gloves/clothing, Chemical resistant apron

Hand protection

Rubber/latex/neoprene or other suitable chemical resistant gloves

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid contained in molded tubing	Odor	Amine
Odor threshold	No information available	Physical state	Liquid
pH	Not applicable	Color	Amber
Flash point	190/132 °C / 375/270 °F (Part A/Part B)	Boiling point/range	Not applicable
Softening point	Not applicable	Autoignition temperature	

Flammability Limits in Air Not determined

Vapor pressure	Not determined
Vapor density	Not applicable
Water solubility	Negligible, (Part A), Partial (Part B)
Viscosity	No information available
Partition coefficient	No information available
Evaporation rate	Not applicable
Melting point/range	Not applicable
Freezing point	No information available
Decomposition temperature	Not determined
Specific gravity	1.10 - 1.20 (water = 1)

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Stability	Stable
Incompatible products	Incompatible with oxidizing agents, Incompatible with strong acids and bases, Amines, Incompatible with halogenated organic compounds
Conditions to Avoid	Heat
Hazardous Decomposition Products	Carbon dioxide (CO ₂), Carbon monoxide (CO), Hydrogen sulfide, Sulfur oxides, Nitrogen oxides (NO _x)
Hazardous polymerization	Hazardous polymerization does not occur
Hazardous reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

Irritation

Irritating to eyes, respiratory system and skin

Component Information

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
2,4,6-Tri(dimethylaminomethyl)phenol	1200 mg/kg (Rat)	1280 mg/kg (Rat)	
Bisphenol A - Epichlorohydrin polymer	11400 mg/kg (Rat)		

Chronic toxicity

Main symptoms

May cause eye and skin irritation

Aggravated Medical Conditions

None under normal use conditions

Carcinogenicity

Contains no ingredient listed as a carcinogen

Other toxic effects

Product Information

Sensitization

May cause sensitization by skin contact

Mutagenic effects

Not expected to be mutagenic

Teratogenicity

No information available

Target organ effects

No information available

Aspiration Hazard

Not applicable

Other adverse effects

No information available

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated.

Component Information

No component data available

Persistence and degradability

No product level data available

Bioaccumulation

No product level data available

Mobility

No product level data available

Component Information

No component data available

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated packaging Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

Note This material is not regulated as a Hazardous Material (Dangerous Good) under 49 CFR, IATA/ICAO, IMO/IMDG, or TDG

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

TSCA

This product complies with TSCA12(b)

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the CPR.

16. OTHER INFORMATION

Issuing Date	1986-12-03
Revision Date	2016-04-28
Revision Note	(M)SDS sections updated:, 3

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

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