Product Identification — Section 1

Product name	FloroPoxy MVT-24 Part A
Part number	M0-115
Chemical Family	Epoxy resin
Product usage	Epoxy part A floor coating
Company	Florock Polymer Flooring 1120 W Exchange Chicago, IL 60609
Phone	773-376-7132
Chemtrec	800-424-9300

Hazard Identification — Section 2

GHS Classifications

Health Hazards
Skin Sensitization, Category 1
Skin Irritation, Category 2
Eye Irritation, Category 2

Environmental Hazards
Acute Aquatic Toxicity, Category 1
Chronic Aquatic Toxicity, Category 2

Signal word: **Warning**

Pictograms

Hazard statements
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H319: Causes serious eye irritation
H411: Toxic to aquatic life with long lasting effects

Precautionary statements	P260: Do not breathe dust/fume/vapor/mist/spray P264: Wash thoroughly after handling. P270: Do not eat, drink or smoke when using this product P273: Avoid release to the environment P280: Wear protective gloves/protective clothing/eye protection/face protection

Composition Information of Ingredients — Section 3

Chemical characterization
Epoxy Resin

Component	CAS No.	Weight %
Bisphenol A-epichlorohydrin resin	25068-38-6	60-100
Alkyl c12-c14 Glycidyl Ether	68609-97-2	7-13

Where a range is displayed or the exact percentage of the component in the composition has been withheld it is considered a trade secret.
Ingredients not listed on this SDS are considered to be non-hazardous.

First Aid Measures — Section 4

General	Consult a physician. Show the physician this SDS. Move out of dangerous area immediately.
Inhalation	Immediately move outdoors or to fresh air. If breathing is difficult administer oxygen. Seek immediate medical attention and keep individual warm and quiet.
Eyes	Remove contact lenses if present. Rinse cautiously with water for at least 15 minutes. Seek immediate medical attention.
Ingestion	Seek immediate medical attention. If individual is drowsy or unconscious, have the individual lie down on their left side with their head down. Do not give individual anything by mouth. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. Do not leave individual unattended.
Skin	Immediately remove contaminated clothing. Flush exposed area with large amounts of water. Seek immediate medical attention. Wash contaminated clothing before reuse.

Most Important Symptoms/Effects

Inhalation	Stomach or intestinal irritation, nausea, vomiting, diarrhea, irritation of the nose and airways, central nervous system depression, dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness, lack of coordination, & confusion.

Eyes	Eye irritation, stinging sensation, tearing, redness, and swelling of the eyes.
Ingestion	Stomach or intestinal irritation, nausea, vomiting, diarrhea, metallic taste in the mouth and throat, irritation of the throat, central nervous system depression, dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness, lack of coordination, & confusion. Swallowing large amounts may cause for material to enter the lungs during swallowing or vomiting, leading to lung inflammation and other lung damages.
Skin	Skin irritation, redness, burning sensation, drying, cracking, and other skin damage.

Fire Fighting Measures — Section 5

Extinguishing media	Dry chemical, Carbon dioxide, Alcohol Foam, Halon, Any “C” Class
Extinguishing methods	Water may be used to keep exposed containers cool, and to keep flammable structures wet.
Special protective equipment	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.
Special hazards	Carbon monoxide, Carbon dioxide, Hydrocarbons
Important additional information	Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by any ignition source near the material. Never use a welding or cutting torch on or near the drum, even if empty, because product can ignite explosively. Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire-fighters. If performed under minimal risk, use water spray to cool fire-exposed containers and materials until fire is out. Avoid spreading burning material with water used for cooling purposes. Polymerization will take place under fire conditions. If polymerization occurs in a closed container, there is a possibility it will rupture violently.

Accidental Release Measures — Section 6

Personal precautions	*Protective equipment:* Recommended to wear chemical splash goggles & resistant gloves, such as polyvinyl alcohol-based gloves, and discard of gloves that show tears, pinholes, or signs of wear. Wear proper garments to prevent skin exposure, such as long-sleeves and pants. *Personal Precautions:* Persons not wearing proper PPE should be excluded from the area of contamination until clean-up has been

completed. Ensure adequate ventilation. Eliminate all ignition sources and pay attention to the spreading of gases, especially at ground level.

Environmental Precautions: Do not allow discharge into drains, surface waters, or sanitary sewer system. Prevent spreading over a wide area by containment or oil barriers. Local authorities should be advised if significant spillages cannot be contained or if material discharges into drains or ground water.

Methods for clean up and disposal	Contained spilled material with an inert, non-combustible, and absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite). Transfer to a suitable container for disposal according to proper federal, state, and local regulations.

Handling and Storage — Section 7

Precautions for safe handling	Containers of this material may be hazardous when emptied since emptied containers retain product residues (vapor, liquid, or solid). Keep away from heat and ignition sources. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in the National Fire Protection Association (NFPA) document 77. Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature or pressure, or sudden ingress of air into vacuum equipment, may result in ignitions without the presence of obvious ignition sources. Any use of this product in elevated temperature processes should be thoroughly evaluated to establish and maintain safe operating conditions. As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture, or weld on or near the container. Use under well-ventilated conditions. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Avoid eye and skin contact. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Discard shoes contaminated with this product. Avoid formation of dust and aerosols. The potential for combustible dust formation should be taken into consideration before additional processing occurs, like sanding and grinding. Provide appropriate exhaust ventilation at places where dust is formed. Do not dry sweep.
Conditions for safe storage, including incompatibilities	Protect container from physical abuse. Keep the container tightly closed. Store in cool dry well-ventilated areas. Store this material away from incompatible substances (**Incompatible Materials Include:** Acids, Aluminum, Aluminum Chloride, Bases, Copper, Copper alloys, Halogens, Iron chloride, Metal salts, Strong oxidizing agents,

Peroxides). Do not store in open, unlabeled or mislabeled containers. Do not reuse empty containers.

Exposure Controls/Personal Protection — Section 8

Bisphenol A-epichlorohydrin resin	**CAS # 25068-38-6**	
OSHA	Permissible Exposure Limit (PEL)	None established
ACGIH	Threshold Limiting Value(TLV)	None established
Alkyl C12-C14 Glycidyl Ether	**CAS # 68609-97-2**	
OSHA	Permissible Exposure Limit (PEL)	None established
ACGIH	Threshold Limiting Value(TLV)	None established

Engineering Controls

Ventilation	Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposures below permissible exposure limits.

Personal Protective Equipment

Eye/Face protection	Recommended to wear tight fitting, chemical splash goggles are recommended when there is potential for the exposure of the eyes to the liquid, vapor or mist. Have a suitable eye wash station or bottle nearby in case of splashing into the eyes.
Skin protection	Recommended to wear long-sleeved clothing, pants and proper foot covering in order to prevent direct skin contact with the product. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.
Respiratory protection	A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

Other protective considerations	Ensure adequate ventilation, especially in confined areas. Consider all potential hazards of this material, applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting PPE. Ensure that eyewash stations and safety showers are proximal to the work location. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities. Do not inhale vapors. Wash hands before breaks and immediately after handling product. When using, do not eat, drink, or smoke. In case of clothes contamination, remove and wash contaminated clothing before re-use.

Physical/Chemical Properties — Section 9

Appearance: Clear liquid
Odor: Odorless
Odor Threshold: No data available
pH: Not Applicable
Melting/freezing point: Not Available
Boiling point: >392°F (>200°C)
Boiling range: No data available
Flash point (Tag closed cup): >200°F (>93°C)
Evaporation rate: No data available
Flammability: Lower Limit: No data available **Upper Limit:** No data available
Vapor pressure: <0.133 kPa @ 68°F (20°C)
Vapor density: No data available
Relative density: No data available
Solubility in water: Partially Soluble
Partition coefficient (n-octanol/water): No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity (dynamic): No data available

Stability and Reactivity — Section 10

Chemical stability	Stable under recommended storage conditions
Reactivity	No decomposition if stored and applied as directed.
Hazardous reactions	Will not occur
Conditions to avoid	Heat, Incompatible materials
Incompatibility	Strong oxidizing agents, Amines
Hazardous decomposition products	Carbon monoxide, Carbon dioxide, Aldehydes, Nitrogen Oxides, Other Compounds

Toxicological Information — Section 11

Routes of exposure	Inhalation, skin, eyes, ingestion
Symptoms of exposure	Metallic taste, stomach or intestinal irritation, nausea, vomiting, diarrhea, irritation of the nose, throat and airways, central nervous system depression, dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness, lack of coordination, confusion and liver damage.
Effects of exposure	The liquid defats the skin after long term or repeated exposure. The substance may have effects on the central nervous system. Exposure to the substance may enhance hearing damage caused by exposure to noise. This substance is a potential carcinogen to humans.
Carcinogenicity	Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, or suspected to be, cancer-causing agents by these agencies.

Ecological Information — Section 12

Keep out of sewers, drainage areas, and waterways. Report spills and atmospheric releases, as applicable, under Federal and State regulations. This substance is toxic to aquatic organisms. It is strongly advised that this substance does not enter the environment.

Disposal Considerations — Section 13

Dispose of container and unused contents in accordance with federal, state, and local requirements for hazardous materials. Do not allow to enter the drainage or water system. Contaminated packaging should be emptied as far as possible before disposal.

Transport Information — Section 14

DOT Proper Shipping	
Name:	NOT REGULATED
Packing Group:	
DOT Hazard Class:	
DOT UN:NA Number:	NOT REGULATED
IMDG PROPER SHIPPING	

NAME:	NOT REGULATED
Packing Group:	
IMDG UN:NA Number:	
IATA Proper Shipping	
NAME:	NOT REGULATED
Packing Group:	
IATA UN:NA Number	NOT REGULATED

Regulatory Information Section 15

WARNING: This product contains chemicals known to the state of California to cause cancer, birth defects, and other reproductive harm.

The components of this product may be included on the various state hazardous materials lists noted below. California Hazardous Substances List
Delaware Air Quality Management List Idaho Air Pollutants List
Illinois Toxic Air Contaminants List Maine Hazardous Air Pollutants List Massachusetts Hazardous Substances List Michigan Critical Materials List Minnesota Hazardous Substances List
New Jersey RTK Hazardous Substances List
New Jersey TCPA Extremely Hazardous Substances List
New York List of Hazardous Substances
North Carolina Toxic Air Contaminants List Pennsylvania Hazardous Substances List
Washington Permissible Exposure Air Contaminants List West Virginia Air Toxic Pollutants List
Wisconsin Hazardous Air Contaminants List
Note: Entries under Section 15 are not intended to be all inclusive of Federal and State laws and regulations. Please consult the appropriate agencies for further clarification of any requirements.

Classification and hazards statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).
Regulations in individual countries/regions may determine which classifications and hazard statements are applicable based on adopted hazard classes and categories.

Other Information Section 16

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS) - Annex III.
Regulations in individual countries/regions may determine which statements are required on the product label. See product label for specifics.

The information provided in this **S**afety **D**ata **S**heet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release. It is

not to be considered 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 materials or in any process unless specified in the text.

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