



Issue Date 17-Mar-2010

Revision Date 02-Sep-2020

Version 6

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name DM-831

Other means of identification

Product Code 2.6.005

Synonyms Polyurethane Resin

Recommended use of the chemical and restrictions on use

Recommended Use: Water-borne coatings. PC23 - Leather tanning dyes, finishing, impregnation and care products.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Quaker Color Division of McAdoo & Allen,
Inc
201 S. Hellertown Avenue
Quakertown, PA 18951 USA

Emergency telephone number

Company Phone Number +1-215-536-3520 (Eastern)

Emergency Telephone PERS Emergency Response Information: Domestic Shipments and to Canada:
1-800-633-8253* International Shipments: 1-801-629-0667

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance opaque

Physical state Liquid

Odor Slight

Hazards not otherwise classified (HNOC)

Not applicable

Other information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms Polyurethane Resin.
Chemical characterization Mixture.
Chemical nature Aqueous dispersion.

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
Skin Contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician. If not breathing, give artificial respiration.
Ingestion	If sprayed in mouth, rinse mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Water.

Unsuitable Extinguishing Media None.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products Carbon monoxide. Carbon dioxide (CO₂).

Explosion data

Sensitivity to Mechanical Impact No.

Sensitivity to Static Discharge No.

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, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment. Avoid contact with the skin and the eyes. Ensure adequate ventilation.
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Environmental precautions

Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological Information.
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Methods and material for containment and cleaning up

Methods for Containment	Contain spill with inert material (e.g. sand, silica gel, binder).
Methods for cleaning up	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Stir before use.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep containers tightly closed in a cool, well-ventilated place. Store in original container. Keep from freezing.
Incompatible Products	Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Triethylamine 121-44-8	TWA: 1 ppm Skin STEL: 3 ppm	TWA: 10 ppm	200 ppm

Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems. Ensure adequate ventilation, especially in confined areas.
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Individual protection measures, such as personal protective equipment

Eye/face protection	Tightly fitting safety goggles.
Skin and body protection	Wear protective gloves and protective clothing. Long sleeved clothing.
Respiratory protection	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Slight
Appearance	opaque	Odor threshold	No information available
Color	white		
Property	Values	Remarks/ • Method	
pH	8	Determined	
Melting point / freezing point	No information available		
Boiling point / boiling range	100 °C / 212 °F	Literary reference	
Flash point	No data available		

Specific gravity	1.0	Calculated
Water solubility	Miscible in water	
Kinematic viscosity	300 cPs	
Dynamic viscosity	No information available	
Explosive properties	Not explosive.	
Oxidizing properties	Not an oxidizer	

Other information

Molecular weight	No information available
VOC Content (%)	<0.6%
Density	1.0 g/cm3

10. STABILITY AND REACTIVITY

Reactivity

No known effects under normal use conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous polymerization	None under normal processing.
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Conditions to Avoid

Excessive heat. Do not freeze.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	The product itself has not been tested.
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Component Information**Symptoms related to the physical, chemical and toxicological characteristics**

Symptoms	No information available.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	None known.
Carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is listed with NTP, IARC or OSHA.
Reproductive Effects	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Neurological Effects	None known.
Aspiration Hazard	Not applicable.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>2000 mg/kg
ATEmix (inhalation-dust/mist)	>5 mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data is available on the product itself.

Persistence and degradability

No product level data available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Waste Disposal Methods**

It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations. Should not be released into the environment.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION**International Inventories**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

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

SARA 311/312 Hazardous**Categorization**

Refer to Section 2 of SDS for applicable GHS hazard categories for SARA reporting purposes.

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)

CERCLA

This product does not contain any chemicals subject to reporting requirements (RQ) of CERCLA (40 CFR 302.4).

U.S. State Regulations**California Proposition 65**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm.

State Right-to-Know

Chemical name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5	-	-	X
Triethylamine 121-44-8	X	X	X

16. OTHER INFORMATION**NFPA**

Health hazards 0

Flammability 0

Instability 0

HMIS

Health hazards 0

Flammability 0

Physical hazards 0

Prepared By

Regulations Manager

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02-Sep-2020

Revision Note

Update to Format

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.

End of Safety Data Sheet