

Revision date: 19-Jan-2026

Supercedes: 08-Apr-2024

SDS Number: 12839

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

Product Identifier

Product name: RHEOLUXE® 811

Other means of identification

Recommended use of the chemical and restrictions on use

Product Use Description: Thickening agent

Details of the supplier of the safety data sheet

Company/Undertaking Identification Elementis UK Ltd.

c/o Elementis Nederland BV
Distributiestraat 5
7041 KJ 's-Heerenberg
Nederland
Tel: +351 221 215 791

Elementis Portugal Lda.,
Rua Santos Pousada, no.262,
Portugal 4000-478, Porto
Tel: +351 221 215 791

Elementis Specialties Inc.
469 Old Trenton Road
East Windsor, NJ 08512
USA
Tel: +1-609-443-2000

Emergency Telephone Number

For Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at: 1-800-424-9300 or 1-703-527-3887. 24 Hour.

For ALL other inquiries about this product, call Elementis at: 1-609-443-2000 (USA) or +(351)221 215 791 (EU)

Product_Stewardship@elementis.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This product is considered hazardous as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200).

Label Elements

EMERGENCY OVERVIEW

Warning

May form combustible dust concentrations in air

Appearance: Powder

Physical state: Solid

Odor: Nearly odorless

Hazards not otherwise classified (HNOC)**Other Information****3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components, or components with exposure limits (see section 8)**

Components	CAS-No	Weight %
Urethane Polymer	-	100%

4. FIRST AID MEASURES**FIRST AID MEASURES**

General advice:	Show this safety data sheet to the doctor in attendance. Get medical attention immediately if symptoms occur.
Inhalation:	If breathing is difficult, give oxygen. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Skin contact:	If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash off immediately with soap and plenty of water.
Eye contact:	If eye irritation persists, consult a specialist. Rinse immediately carefully and thoroughly with eye-bath or water.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this SDS or label.
Protection of first-aiders:	Avoid contact with skin and eyes.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects	Difficulty in breathing.
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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 powder

Dry sand

Alcohol-resistant foam

Use water spray or fog; do not use straight streams

Extinguishing media which must not be used for safety reasons

None

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular

Unusual Fire and Explosion Hazards:

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

Hazardous combustion products

Carbon monoxide

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

Explosion data

Explosive properties:

Dust may form explosive mixture in air

Reactivity Hazard:

None known

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Keep people away from and upwind of spill/leak. Use personal protective equipment.

Other Information: See Section 12 for more information.

Environmental precautions

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

Methods and material for containment and cleaning up

Clean-up methods: Take precautionary measures against static discharges. Do not create a powder cloud by using a brush or compressed air. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling: Take precautionary measures against static discharges. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place. Keep product and empty container away from heat and sources of ignition. Keep at temperatures below 35 °C.

Additional Storage: Not required under normal use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

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

TLV/PEL: Not established

ACGIH TWA 10 mg/m³ (inhalable particles)
3 mg/m³ (respirable particles)

Appropriate engineering controls

Engineering Measures Use only with adequate ventilation

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses.

Skin and body protection Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place

Respiratory protection: Effective dust mask.

Hand protection Protective gloves
Neoprene gloves

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Solid
Appearance: Powder
Odor: Nearly odorless
Color: White
Odor Threshold No data available

Property	Values	Remarks / • Method
pH	6.0 - 7.0	20°C; 10 g/l; ASTM D1172
Melting point/range:	127 - 145 °F / 53 - 63°C	
Freezing point:	No data available	
Boiling Point/Range	> 482 °F / > 250°C	
Flash Point	Not applicable	
Evaporation rate	No data available	
Explosion limits:	No data available	
Vapor pressure	No data available	
Relative vapor density	No data available	
Density:	No data available	
and/or Relative density:		
Water solubility	Soluble	
Solubility in other solvents	No data available	
Partition coefficient:	No data available	
n-octanol/water		

(logarithmic value)

Autoignition temperature Not self-igniting
Decomposition temperature > 250 (°C)
Viscosity, kinematic No data available

Explosive properties: Dust may form explosive mixture in air
Oxidizing Properties No information available

Other Information

Bulk Density 500 kg/m³
Particle characteristics No data available

10. STABILITY AND REACTIVITY**Reactivity**

No dangerous reaction known under conditions of normal use

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None known

Conditions to Avoid

Heat, flames and sparks. Exposure to sunlight.

Incompatible Materials:

Oxidizing agent

Hazardous Decomposition Products

None reasonably foreseeable

11. TOXICOLOGICAL INFORMATION

Product Information Data obtained on this product or a similar product

LD50/Oral/Rat: > 10 g/kg

Information on likely routes of exposure

Inhalation: No data available

Eye contact: No data available

Skin contact: No data available

Ingestion No data available

Acute test: An in vivo ocular and dermal irritation study of this product did not show any evidence of ocular or dermal irritation

Component Information No data available

Information on Toxicological Effects**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Corrosivity No data available

Sensitization	No data available
Mutagenic effects	No data available
Carcinogenic effects:	There are no known carcinogenic chemicals in this product
Reproductive Toxicity:	No data available
Developmental Toxicity	No data available

Chronic Toxicity

Chronic toxicity:	No data is available on the product itself
Other Adverse Effects:	No data available

12. ECOLOGICAL INFORMATION

<u>Product Information</u>	There is no data available for this product
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Ecotoxicity

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

Persistence and degradability:

No data available

Bioaccumulative potential:

No data available

Mobility

No information available

Biodegradability:

Not readily biodegradable

General Note:

Do not allow product to reach ground water, water course or sewage system.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Waste from residues /unused products	Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with federal, state and local regulations.
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Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

RCRA Hazardous Waste:

RCRA:	Not listed
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14. TRANSPORT INFORMATION

<u>U.S. Department of Transportation Ground (49 CFR):</u>	Not Regulated
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<u>International Air Transport Association (IATA)</u>	Not Regulated
<u>International Maritime Dangerous Goods (IMDG)</u>	Not Regulated
<u>Surface Shipments in Europe (ADR/RID):</u>	Not Regulated

15. REGULATORY INFORMATION

EU-Regulations

For purchases from Elementis EU legal entities, all ingredients are currently registered or exempt under REACH. For purchases from non-EU Elementis legal entities with the intention to export into the EU, please contact your Elementis representative/local office.

International Inventories

USA (TSCA):	Complies
EU (EINECS):	Complies
EU REACH:	Complies
Canada (DSL)	Complies
CANADA (NDSL):	Not applicable
JAPAN (ENCS):	Complies
PHILIPPINES (PICCS):	Does not comply
KOREA (KECL):	Does not comply
China (IECSC)	Complies
AUSTRALIA (AICIS):	Complies
NEW ZEALAND (NZIoC):	Complies
TAIWAN (TCSI):	Complies

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 Hazard Categories

None

CWA (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)

TSCA Section 12(b) Export Notification

This product does not contain chemicals that are required to be notified under the TSCA 12(b) Export Notification.

State Regulations (RTK)

California Proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects

Legend:

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

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

ENCS - Japan Existing and New Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICIS - Australian Industrial Chemicals Introduction Scheme
NZIoC - New Zealand Inventory of Chemicals
TCSI - Taiwan Chemical Substance Inventory

16. OTHER INFORMATION

HMIS:

Health: 1
Flammability: 0
Physical Hazard: 0

Previous Revision Date: 08-Apr-2024

Key/Legend:
N/A: Not applicable
N/D: Not determined
ppm: Parts per million
X: Listed

Prepared by Product Stewardship

Reason for revision: Update to Format

The information provided in this Safety Data Sheet is correct to the best of ELEMENTIS' 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, and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for such product when used in combination with any other material or in any process, unless specified in this SDS. ELEMENTIS specifically disclaims any liability for any loss, injury or damage which may result from use or misuse of this product. All chemicals should be handled only by competent personnel, within a controlled environment. It is the buyer's/user's responsibility to ensure that his activities comply with all applicable federal, state, provincial and local laws, and to determine the conditions necessary for the safe use of this product. ELEMENTIS urges each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product.

End of Safety Data Sheet