

Revision date: 30-Aug-2018

Supersedes: 17-Jan-2018

SDS Number: 407388

Section 1: PRODUCT AND COMPANY IDENTIFICATION

Chemical Identification THIXCIN® R PC

Recommended use of the chemical and restrictions on use Rheological additive

Company Identification

Elementis
469 Old Trenton Road
East Windsor, NJ 08512
USA
Tel: 1 (609) 443-2000

Elementis UK Ltd.
c/o Elementis GmbH
Stolberger Str. 370
50933 Cologne, Germany
Tel. +49 (0) 221 2923 2000

DEUCHEM (SHANGHAI) CHEMICAL
CO. LTD.
No. 99, LianYang Road
Songjiang Industrial Zone
201613, Shanghai China
Tel: +86 21 5774 0348
Fax: +86 21 5774 3563

Emergency telephone number

In China, for Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call Chemical Accident Emergency Consulting Service Hotline at 400-6267911.

Outside of China, for Chemical Emergency ONLY (spill, leak, fire, exposure or accident), call CHEMTREC at 4001-204937 or +1-703-527-3887

For ALL other inquiries about this product, call +86 21 5774 0348

E-mail Address:

Product_stewardship@elementis.com

Section 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Appearance: Powder

Color: White to Light yellow

Odor: Odourless

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

GHS - Classification

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label Elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Signal Word

None

Other Information

May form combustible dust concentrations in air

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Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**Distinction of Substance or Mixture** Substance

The product contains no substances required for disclosure according to the relevant GHS requirements.

Section 4: FIRST AID MEASURES

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

Section 5: FIRE FIGHTING MEASURES**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 hazards:

None in particular

Hazardous combustion products

Carbon monoxide

Carbon dioxide (CO₂)

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.

Explosive properties:

Dust may form explosive mixture in air

Advice for firefighters and protective measures

Wear self contained breathing apparatus for fire fighting if necessary

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
Clean-up methods:	Do not create a powder cloud by using a brush or compressed air. Take precautionary measures against static discharges. 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.

Section 7: HANDLING AND STORAGE

Safe handling	Take precautionary measures against static discharges. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling.
Storage Conditions	Keep containers dry and tightly closed to avoid moisture absorption and contamination. Keep product and empty container away from heat and sources of ignition.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

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

Process control	Use only with adequate ventilation
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice
Environmental Exposure Controls	No information available.

Personal Protection:

Respiratory protection:	Effective dust mask
Hand protection	Protective gloves, Neoprene gloves,
Eye 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

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Appearance:	Powder
Color:	White to Light yellow
Odor:	Odourless
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks / • Method</u>
pH	No data available	
Melting point/range:	No data available	

Freezing point:	No data available
Boiling Point/Range	No data available
Flash Point	Not applicable
Evaporation rate	No data available
Explosion limits:	LEL: 40-45 g/m ³
Vapor pressure	No data available
Vapor density	No data available
Density:	1.02 g/cm ³
Water solubility	insoluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	Not self-igniting
Decomposition temperature	No data available
Viscosity:	No data available
Explosive properties:	Dust may form explosive mixture in air
Oxidizing Properties	No information available
Bulk Density	No data available

Section 10: STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Stability

Stable under recommended storage conditions.

Explosion data:

Dust may form explosive mixture in air

Hazardous Reactions

None known

Conditions to Avoid

Heat, flames and sparks

Incompatible Materials:

Oxidizing agent

Hazardous Decomposition Products

None reasonably foreseeable

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

LD50/Oral/Rat:

Data obtained on this product or a similar product
> 5000 mg/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.

Component Information

No data available

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
Target Organ Effects:	None known.

Section 12: ECOLOGICAL INFORMATION

<u>Product Information</u>	There is no data available for this product
<u>Ecotoxicity</u>	The environmental impact of this product has not been fully investigated.
<u>Persistence and degradability:</u>	No data available
<u>Bioaccumulative potential:</u>	No data available
<u>Biodegradability:</u>	No data available
<u>Mobility</u>	No data available

<u>General Note:</u>	Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.
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Section 13: DISPOSAL CONSIDERATIONS

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

Section 14: TRANSPORT INFORMATION

<u>Surface Shipments in Europe (ADR/RID):</u>	Not regulated
<u>International Air Transport Association (IATA)</u>	Not regulated
<u>International Maritime Dangerous Goods (IMDG)</u>	Not regulated

Section 15: REGULATORY INFORMATION

The regulations, provisions and standards specific for the chemical are listed as follows:

- China new substance notification
- Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace
- Occupational exposure limits for hazardous agents in the workplace-chemical hazardous agents
- GB/T 17519-2013 Guidance on the compilation of safety data sheet for chemical products

International Inventories

USA (TSCA):	Complies
EU (EINECS):	Complies
EU REACH:	Complies
CANADA (DSL)	Complies
CANADA (NDSL):	Not applicable
JAPAN (ENCS):	Complies
AUSTRALIA (AICS):	Complies
China (IECSC)	Complies
KOREA (KECL):	Complies
NEW ZEALAND (NZIoC):	Complies
PHILIPPINES (PICCS):	Complies
TAIWAN (NECI):	Complies

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
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances
AICS - Australian Inventory of Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
NZIoC - New Zealand Inventory of Chemicals
PICCS - Philippines Inventory of Chemicals and Chemical Substances
NECI - Taiwan National Existing Chemical Inventory

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.

Section 16: OTHER INFORMATION

Prepared by Product Stewardship

Issuing Date: 12-Sep-2018

This Material Safety Data Sheet contains changes from the previous version in Sections: 2, 9

Previous Revision Date: 17-Jan-2018

Sources of key data used to compile the safety data sheet: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

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End of Safety Data Sheet