

1 Identification of substance

- **Product details:**
- **Trade name:** *THIXATROL GST*
- **Synonyms** *rheological additive*
- **Article number:** 8152
- **Application of the substance / the preparation** *Additive*
- **Manufacturer/Supplier:**
Elementis Specialties
p/a Elementis Service Centre N.V.
Pegasus Park
De Kleetlaan 12A - P.O. Box 3
B-1831 Diegem, Belgium
Tel: +32 (0) 2 790 76 00
Fax: +32 (0) 2 790 76 60
- **Informing department:**
Elementis Specialties, Diegem, Belgium
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Fax : + 32 (0)2 790 76 61
- **Emergency information:** *Tel.: +44 1506 430 331*

2 Composition/Data on components

- **Chemical characterization:**
- **Description:** *Mixture of the substances listed below with harmless additions*
- **Dangerous components:** *not applicable*

3 Hazards identification

- **Hazard designation:** *none*
- **Information pertaining to particular hazards for man and environment:** *none*
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4 First aid measures

- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of symptoms.*
- **After skin contact:** *Wash with water and soap and rinse thoroughly.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *In case of persistent symptoms consult doctor.*

5 Fire fighting measures

- **Suitable extinguishing agents:** *CO2, extinguishing powder or water jet. Fight larger fires with water jet.*
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:**
Avoid causing dust.
Product forms slippery surface when combined with water.
- **Measures for environmental protection:** *No special measures required.*
- **Measures for cleaning/collecting:** *Collect mechanically.*

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- **Additional information:**
No dangerous materials are released.
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Avoid high dust concentrations.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with critical values that require monitoring at the workplace:**

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OES	Long-term value: 2 mg/m ³ respirable dust
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- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:**
Use breathing protection in case of insufficient ventilation.
Filter P1.
- **Protection of hands:** Protective gloves.
- **Material of gloves:** Neoprene gloves
- **Penetration time of glove material:**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **General Information**

Form:	Powder
Colour:	White
Smell:	Odourless

- **Change in condition:**
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not determined

- **Flash point:** Not applicable
- **Self-flammability:** Product is not selfigniting.
- **Danger of explosion:** liable to dust explosion

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· **Density at 20°C:** 1.47 g/cm³· **Solubility in / Miscibility with Water:** Insoluble

10 Stability and reactivity

- **Thermal decomposition / Conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of decomposition:** No dangerous decomposition products known

11 Toxicological information

- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
Product LD50 oral >5000 mg/kg rat
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Eye exposure (to dust) may produce irritation.
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**
As with any nuisance dust, long-term exposure to concentrations of dust above the recommended exposure level may overload lung clearance mechanism and cause adverse lung effects.

12 Ecological information

- **General notes:**
Water Hazard class 1: slightly hazardous for water.
Do not allow undiluted product or large quantities of it to penetrate into ground water, water bodies or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation:** Must be specially treated under adherence to official regulations.

- **European waste catalogue**

07 00 00	WASTES FROM ORGANIC CHEMICAL PROCESSES
07 01 00	wastes from the manufacture, formulation, supply and use (MFSU) of basic organic chemicals
07 01 99	wastes not otherwise specified

- **Uncleaned packagings:**
- **Recommendation:** Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

- **Transport/Additional information:** Not dangerous according to transport specifications.

15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to classification according to EC Directives / relevant national laws.

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- **National regulations:**
- **Water hazard class:** Water hazard class 1: slightly hazardous for water.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

- **Contact:**
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- *** Data compared to the previous version altered.**

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