

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

ELOTEX FL2280

Version 1

Revision Date 19.05.2014

Print Date 19.05.2014

GB / EN

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name : ELOTEX FL2280

Chemical characterization : Copolymer based on vinyl acetate and ethylene, with additives

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Specific use(s): For industrial use only.

1.3 Details of the supplier of the safety data sheet

Company : Akzo Nobel Chemicals AG
Performance additives
Industriestrasse 17a
CH 6203 Sempach Station
Switzerland

Telephone : +41414696969
Telefax : +41414696900
E-mail address : RegulatoryAffairs@akzonobel.com

1.4 Emergency telephone number

Emergency telephone number : Emergency AkzoNobel Chemicals-Deventer-NL T +31 570 679211 F +31 570 679801

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

Classification (67/548/EEC, 1999/45/EC)
Not a hazardous substance or mixture.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture.

2.3 Other hazards

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No further data available.
Risk of dust explosion.

PBT and vPvB assessment : Not classified as PBT or vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Remarks : No dangerous ingredients according to Directive 67/548/EEC.

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : not applicable

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General advice : No hazards which require special first aid measures.
Treat symptomatically.

If inhaled : Remove to fresh air.
Keep patient warm and at rest.
Rinse nose and mouth with water.

In case of skin contact : Remove contaminated clothing.
Rinse with water.

In case of eye contact : Rinse with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.

If swallowed : Clean mouth with water and drink afterwards plenty of water.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No symptoms known or expected.

Risks : None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Water mist
Foam

Unsuitable extinguishing media : Carbon dioxide (CO₂)
High volume water jet

5.2 Special hazards arising from the substance or mixture

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Specific hazards during firefighting / Specific hazards arising from the chemical : Risks of ignition followed by flame propagation or secondary explosions shall be prevented by avoiding accumulation of dust, e.g. on floors and ledges.

Combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Further information : Standard procedure for chemical fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid dust formation.

6.2 Environmental precautions

Environmental precautions : Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up / Methods for containment : Pick up and arrange disposal without creating dust.
Sweep up and shovel.
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

Additional advice : For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Avoid creating dust.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
No special handling advice required.

Advice on protection against fire and explosion : Provide appropriate exhaust ventilation at places where dust is formed.
No sparking tools should be used.
Take measures to prevent the build up of electrostatic charge.

Dust explosion class : St1

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep in a dry place.
Store at room temperature in the original container.
Keep container tightly closed.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

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7.3 Specific end use(s)

Specific use(s) : No information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

| Components | CAS-No. | Value | Control parameters | Update | Basis | Form of exposure |
|------------|---------|-------|--------------------|------------|---------|------------------|
| Dust | | TWA | 4 mg/m3 | 1997-01-01 | GB EH40 | Total dust |

STEL: Short term exposure limit

TWA: Time Weighted Average

8.2 Exposure controls

Engineering Controls

Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

- Respiratory protection** : No personal respiratory protective equipment normally required.
In the case of dust, vapour or aerosol formation use a respirator with an approved filter.
Half mask with a particle filter P2 (EN 143).
- Hand protection** : For prolonged or repeated contact use protective gloves.
Protective gloves complying with EN 374.
- Eye protection** : Safety glasses with side-shields conforming to EN166
- Skin and body protection** : Lab coat
Remove and wash contaminated clothing before re-use.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.

Environmental exposure controls

General advice : Try to prevent the material from entering drains or water courses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance

Form : powder

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Colour : white
Odour : odourless
Odour Threshold : No data available

Safety data

pH : 9 - 12 at 10 % solution (as a dispersion)
Melting point/range : not applicable
Boiling point/boiling range : not applicable
Flash point : not applicable
Ignition temperature : > 200 °C
Method: Auto-ignition of a dust cloud according to EN 50281-2-1
Evaporation rate : not applicable
Flammability (solid, gas) : The product is not flammable.
Lower explosion limit : 15,000 mg/m³
Upper explosion limit : not applicable
Vapour pressure : not applicable
Relative vapour density : not applicable
Relative density : not applicable
Bulk density : 440 - 640 kg/m³
Water solubility : dispersible/insoluble
Solubility in other solvents : not applicable
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity, dynamic : not applicable
Viscosity, kinematic : not applicable
Dust explosion class : St1
Explosive properties : Dust may form explosive mixture in air.
Oxidizing properties : Not classified as oxidising.

9.2 Other information

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Dust may form explosive mixture in air.

10.4 Conditions to avoid

Conditions to avoid : None known.

10.5 Incompatible materials

Materials to avoid : None known.

10.6 Hazardous decomposition products

Hazardous decomposition products : No hazardous decomposition products are known.

Thermal decomposition : No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Product information:

Hazard Summary

Inhalation : Product dust may be irritating to the respiratory system.

Skin : Product dust may be irritating to skin.

Eyes : Product dust may be irritating to eyes.

Ingestion : Not expected to be irritating.

Toxicology Assessment

Further information : No further data available.

11.1 Information on toxicological effects

Test result

Acute oral toxicity : LD50: > 5,000 mg/kg
Species: rat
Method: Calculation method

SECTION 12: ECOLOGICAL INFORMATION

Product information:

Ecotoxicology Assessment

Additional ecological information : None known.

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12.1 Toxicity

Test result

Toxicity to fish : LC50: > 100 mg/l
Exposure time: 96 h
Species: Fish
Method: Calculation method

12.2 Persistence and degradability

Product information:

Biodegradability : Not readily biodegradable.

Components : No information available.

12.3 Bioaccumulative potential

Product information:

Bioaccumulation : Bioaccumulation is unlikely.

Components : No information available.

12.4 Mobility in soil

Product information:

Mobility : No data available

Components : No information available.

12.5 Results of PBT and vPvB assessment

Product information:

PBT and vPvB assessment : Not classified as PBT or vPvB

Components : No information available.

12.6 Other adverse effects

Product information:

Biochemical Oxygen Demand (BOD) : No data available

Components : No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Dispose of contents/container in accordance with local regulation.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

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Not regulated as a dangerous good

14.2 Proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Major Accident Hazard : 96/82/EC
Legislation not applicable

Water contaminating class : WGK 1 slightly water endangering
(Germany)

Notification status

AICS : YES. On the inventory, or in compliance with the inventory
EINECS : YES. On the inventory, or in compliance with the inventory
DSL : YES. On the inventory, or in compliance with the inventory
IECSC : YES. On the inventory, or in compliance with the inventory
ENCS : YES. On the inventory, or in compliance with the inventory
KECI : YES. On the inventory, or in compliance with the inventory
NZIoC : YES. On the inventory, or in compliance with the inventory
PICCS : YES. On the inventory, or in compliance with the inventory
CH INV : YES. The mixture contains a polymer. The monomers for this polymer have been notified.
TSCA : YES. On the inventory, or in compliance with the inventory

For explanation of abbreviation see section 16.

15.2 Chemical Safety Assessment

Product information : No information available.

SECTION 16: OTHER INFORMATION

Explanations for possible abbreviations mentioned in section 2

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PBT : PBT: Persistent, bioaccumulative and toxic.
vPvB : vPvB: Very persistent and very bioaccumulative.
OEL : OEL: Occupational exposure limit.

Notification status explanation

| | |
|--------|--|
| AICS | Australia Inventory of Chemical Substances (AICS) |
| EINECS | European Inventory of Existing Commercial Chemical Substances (EINECS) |
| DSL | Canadian Domestic Substances List (DSL) |
| IECSC | China. Inventory of Existing Chemical Substances in China (IECSC) |
| ENCS | Japan. ENCS - Existing and New Chemical Substances Inventory |
| KECI | Korea. Korean Existing Chemicals Inventory (KECI) |
| NZIoC | New Zealand. Inventory of Chemical Substances |
| PICCS | Philippines Inventory of Chemicals and Chemical Substances (PICCS) |
| CH INV | Switzerland. New notified substances and declared preparations |
| TSCA | United States TSCA Inventory |

Further information

The information provided in this Safety Data Sheet 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 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 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.