

D-Polymer

Redispersible Polymer Powder

Material Safety Data Sheet

Issue Date:06/11/2018

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

1.1 Product identifier Trade name :

Redispersible polymer powder

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:

Identified/Recommended uses:

Manufacture of industrial substances

Adhesive

Binder

Sealant

Raw material for Building and construction preparations

1.3 Details of the supplier of the safety data sheet:

Dilmen Uluslararasi Paz.San.ve Tic.LTD STI

Address: Ayanbey Mh.Dayioglu Sok.Meram Konya Turkey

Telephone : +90-506-761-0852

E-mail address : disel@mynet.com

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

Risk of dust explosion.

No further data available.

PBT and vPvB assessment : Not classified as PBT or vPvB

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

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

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

Not applicable

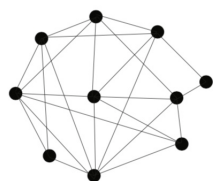
Non-Hazardous Components:

Vinyl acetate-ethylene copolymer powder

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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 eye irritation persists, consult a specialist.

If swallowed: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eye, skin, nose, and throat.

Irritant effects

May cause asthma-like (reactive airways) symptoms. Repeated excessive exposure may aggravate preexisting lung disease.

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 : Carbon dioxide (CO2) media High volume water jet

5.2 Special hazards arising from the substance or mixture

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 of water courses.

6.3 Methods and materials for containment and cleaning up

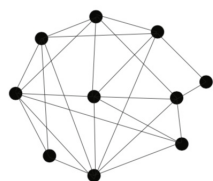
Methods for cleaning up / : Pick up and arrange disposal without creating dust. Methods for containment Sweep up and shovel.Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

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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/sparks/open flames/hot surfaces. - No smoking.

Smoking, eating and drinking should be prohibited in the application area.

Advice on protection against : Provide appropriate exhaust ventilation at places where dust fire and explosion 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. Shelf Life Within 6 months Other

data : No decomposition if stored and applied as directed.

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	Value	Control parameters	Update	Basis	Form of exposure
Dust	TWA	4 mg/m3	2018-10-01	GB EH40	Total dust

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 Skin and body protection: Safety glasses with side-shields conforming to EN166 : 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.

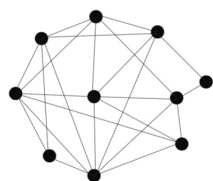
Environmental exposure controls

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

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

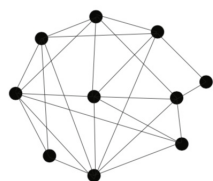
9.1 Information on basic physical and chemical properties

Odour Threshold	No data available
Appearance	White
Form	Powder
Odour	Odourless
pH	6.3 - 8.3 at 10% Solution
Melting Point/Range	N/A
Boiling Point/range	N/A
Flash Point	N/A
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	300 - 500 kg/m3
Water solubility	Dispersible
Solubility in other solvents	Not applicable
Partition coefficient: noctanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	Not applicable
Viscosity, kinematic	Not applicable
Solids content	>99%
Dust explosion class	St1
Explosive properties	Dust may form explosive mixture in air.
Oxidizing properties	Not classified as oxidising.

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9.2 Other information

This safety data sheet 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 Aldehyde Alcohol Acids Decomposition products depend upon temperature,air supply and the presence of other materials.

SECTION 11: TOXICOLOGICAL INFORMATION

Product information:

Product dust may be irritating to the respiratory system.Product dust may be irritating to skin.Product dust may be irritating to eyes.Gastrointestinal discomfort.

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

Ecotoxicology Assessment

Additional ecological Information:: None known

12.1 Toxicity **Toxicity to fish:** No data available

12.2 Persistence and degradability Biodegradability:Not readily biodegradable

12.3 Bioaccumulative potential Bioaccumulation: Bioaccumulation is unlikely

12.4 Mobility in soil Mobility : No data available

12.5 Results of PBT and vPvB assessment PBT and vPvB assessment : Not classified as PBT or vPvB

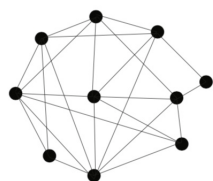
12.6 Other adverse effects P

Biochemical Oxygen : No data available Demand
(BOD) Components : No information available.

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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 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 : ZEU_SEVES3 Legislation

Water contaminating class : WGK 1 slightly water endangering

EINECS	YES. On the inventory, or in compliance with the inventory
AICS	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

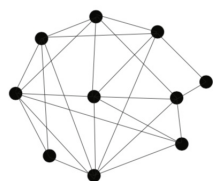
Further information

This product is to be considered as a preparation according to EU-legislation.

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15.2 Chemical Safety Assessment

Product information: No information available.

SECTION 16: OTHER INFORMATION

Explanations for possible abbreviations mentioned in section 2 and 15

PBT	PBT: Persistent, bioaccumulative and toxic.
vPvB	vPvB: Very persistent and very bioaccumulative.
OEL	OEL: Occupational exposure limit.
EINECS	European Inventory of Existing Commercial Chemical Substances (EINECS)
AICS	Australia Inventory of Chemical Substances (AICS)
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.

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