

Information Sheet for Articles

SOLVY FABRIC

Print date: 14.03.2016

Product code: VCSO-GD-017

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

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

Use of the substance/mixture

The product is a thin water-soluble special fibrous web (water-soluble fibrous web made of 100% polyvinyl alcohol).
Stabilizing embroideries on shirt and blouse fabrics, jersey, denim sheer curtain fabrics and voile.

Uses advised against

In case of doubt please contact the responsible department.

1.3. Details of the supplier of the safety data sheet

| | | |
|-------------------------|------------------------|----------------------------------|
| Company name: | GUNOLD GmbH | |
| Street: | Obernburger Straße 125 | |
| Place: | D-63811 Stockstadt | |
| Telephone: | +49 (0)6027 - 2 00 80 | Telefax: +49 (0)6027 - 37 72 |
| e-mail: | service@gunold.de | |
| Contact person: | Christoph Gunold | Telephone: +49 (0)6027 - 2 00 80 |
| e-mail: | c.gunold@gunold.de | |
| Internet: | www.gunold.de | |
| Responsible Department: | Qualität und Umwelt | |

1.4. Emergency telephone number: +49 (0)6027 - 2 00 80 (Monday to Friday from 08:00 to 17:00)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The present product is an article according to the Directive (EG) Nr. 1907/2006 (REACH-Regulation).
There is no legal obligation to create a safety data sheet for an article.
The information data sheet was developed to provide the same information that is typically available in safety data sheets.
We would like to point out expressly that this information data sheet was created on a voluntary basis and is not subject of the formal requirements of the REACH-Regulation.

2.2. Label elements

Additional advice on labelling

The product is not subject to labelling.

2.3. Other hazards

No product hazards known.
Irritation from dust (mechanical) and decomposition products are possible but not expected under normal use.
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.1. Substances

Chemical characterization

Water-soluble fibrous web made of 100% polyvinyl alcohol (Product)
According to supplier information the article does not contain any substances (SVHC) in concentrations with obligation to notify.

Further Information

The components of this product are embedded into an impenetrable matrix and are therefore biologically not available. Several hazardous components are bound within the polymermatrix and are not dangerous if handled under normal processing and handling conditions. The additives in this product do not pose any risk of

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danger, if they are not released (by emitted smoke when melted, dusts).

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!
Get medical advice/attention if you feel unwell.

After inhalation

In case of accidental inhalation of vapours or decomposition products remove injured person to fresh air and keep at rest. Seek medical attention if problems persist.

After contact with skin

No special measures are necessary.
After prolonged skin contact: Wash hands with soap and plenty of water

After contact with eyes

Upon contact with dust or decomposition products: Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

No special measures are necessary.

4.2. Most important symptoms and effects, both acute and delayed

Not hazardous to health when used as intended.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam. Water fog. Extinguishing powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product is combustible. It may produce hazardous fumes like carbon monoxide or carbon dioxide.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

Additional information

Co-ordinate fire-fighting measures to the fire surroundings.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special precautionary measures are necessary.

6.2. Environmental precautions

No special environmental protection measures are necessary.
Do not allow uncontrolled discharge of product into the environment.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Avoid generation of dust.

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special handling instructions are necessary.

Advice on protection against fire and explosion

Usual measures for fire prevention.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Protect against direct sunlight. Store dry to avoid changes in quality.

Relative room humidity (%): 50-70

Recommended storage temperature: 15-25°C

The product is water-soluble.

Further information on storage conditions

Take precautionary measures against static discharges and fire hazards.

7.3. Specific end use(s)

Stabilizing embroideries on shirt and blouse fabrics, jersey, denim sheer curtain fabrics and voile.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

Protective and hygiene measures

Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Within the recommended use, no eye protection is required.

Hand protection

Within the recommended use no hand protection is required.

Skin protection

Body protection: not required.

Respiratory protection

Respiratory protection not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|-----------------|-------------|
| Physical state: | solid |
| Colour: | transparent |
| Odour: | odourless |

| | |
|-----------|-------------------|
| pH-Value: | No data available |
|-----------|-------------------|

Changes in the physical state

| | |
|----------------|-------------------|
| Melting point: | No data available |
|----------------|-------------------|

| | |
|--|-------------------|
| Initial boiling point and boiling range: | No data available |
|--|-------------------|

| | |
|--------------|-------------------|
| Flash point: | No data available |
|--------------|-------------------|

Test method

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Flammability

Solid: No data available

Gas: No data available

Explosive properties

No data available

Lower explosion limits: No data available

Upper explosion limits: No data available

Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

Oxidizing properties

No data available

Vapour pressure: No data available

Density (at 20 °C): No data available

Water solubility:
(at >2 °C) easily soluble.

Solubility in other solvents

No data available

Partition coefficient: No data available

Viscosity / dynamic: No data available

Vapour density: No data available

Evaporation rate: No data available

9.2. Other information

The dissolution time in water:

20°C - ca. 3 min.

25°C - ca. 2 min.

30°C - ca. 1 min.

40°C - ca. 15 sec.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under regular conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions to be expected if used properly.

10.4. Conditions to avoid

Strong oxidizing agents, Contact with water (except in processing to remove residues), high room humidity, high temperature (above the decomposition temperature)

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

When used properly no hazardous products of decomposition are expected.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Irritation and corrosivity

Possible irritation of eyes and skin when dust or decomposition products are present. Skin irritation caused by the ingredients of the product is not known.

SECTION 12: Ecological information

12.1. Toxicity

Toxicological data are not available.

12.2. Persistence and degradability

Wastewater with foil residues can be biodegraded and absorbed with the help of activated sludge .

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Contaminated packaging

Non-contaminated packages may be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

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14.4. Packing group: No dangerous good in sense of this transport regulation.

Air transport (ICAO)

14.1. UN number: No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.

14.4. Packing group: No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No special precautions known.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D): - - not water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,3,9,11,14,15,16.

Version 1,00 - Creation - 25.08.2011

Version 1,01 - general update - 14.03.2016

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

BImSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act

CAS: Chemical Abstracts Service

DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)

EC: Effective Concentration

EG: European Community (Europäische Gemeinschaft)

EN: European Norm

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: Norm of the International Standards Organization

CLP: Classification, Labeling, Packaging

IUCLID: International Uniform Chemical Information Database

LC: Lethal concentration

LD: Lethal dose

log Kow: Octanol/water partition coefficient

MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships

OECD: Organisation for Economic Co-operation and Development

PBT: Persistent, bio-cumulative, toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

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TRGS: Technische Regeln für Gefahrstoffe
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
VwVwS: Administrative Regulation for Water Pollutants
WGK: German Water Hazard Class
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
STOT: Specific Target Organ Toxicity

Further Information

The information given in this product information data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The product information data sheet was generated upon information of pre-suppliers by:

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