

## Information Sheet for Articles

### SOLVY

Print date: 27.10.2011

Product code: VCSO-GD-003

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

##### 1.1. Product identifier

SOLVY

##### 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 embroidery film (water-soluble film made of 100% polyvinyl alcohol).  
Main applications are soft pile fabrics where highly-detailed embroideries would disappear in the material.

###### Uses advised against

In case of doubt please contact our responsible department.

##### 1.3. Details of the supplier of the information 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.  
Dust generation may cause irritations (mechanically), but are not expected when used properly.  
The components in this formulation do not meet the criteria for classification as PBT or vPvB.

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**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

**Chemical characterization**

Water soluble foil 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 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 aid assistant: Pay attention to self-protection!  
Get medical advice/attention if you feel unwell.

**After inhalation**

In case of inhalation of decomposition products, take the affected person into the fresh air and sit him quietly. 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 (CO<sub>2</sub>).

**Extinguishing media which must not be used for safety reasons**

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**

Extinguishing materials should be selected according to the surrounding area.

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**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 leakage of product into the environment.

**6.3. Methods and material for containment and cleaning up**

Collect mechanically. Avoid generation of dust.

**6.4. Reference to other sections**

Treat the assimilated material according to the section on waste disposal.

**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 from 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)**

The product is a thin water-soluble embroidery film (water-soluble film made of 100% polyvinyl alcohol).  
Main applications are soft pile fabrics where highly-detailed embroideries would disappear in the material.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Additional advice on limit values**

To date, no national limit values exist.

**8.2. Exposure controls**

**Protective and hygiene measures**

Wash hands before breaks and at the end of work. When using do not eat or drink.

**Respiratory protection**

Respiratory protection not required.

**Hand protection**

Within the recommended use no hand protection is required.

**Eye protection**

Within the recommended use, no eye protection is required.

**Skin protection**

Skin protection: not required.

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**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state: solid  
Colour: transparent  
Odour: odourless

**Test method**

pH-Value: No data available

**Changes in the physical state**

Melting point: 165-190 °C  
Boiling point: No data available  
Flash point: No data available

**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

**Oxidizing properties**

No data available

Vapour pressure: No data available

Density (at 20 °C): 1,25 g/cm<sup>3</sup>

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

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**

Temperature of decomposition: No data available

**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.

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**10.4. Conditions to avoid**

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

**10.5. Incompatible materials**

none known

**10.6. Hazardous decomposition products**

When used properly no hazardous products of decomposition are expected.

**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**

Waste disposal according to official state regulations. 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**

Cleaned containers may be recycled.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:** -

**14.2. UN proper shipping name:** -

**14.3. Transport hazard class(es):** -

**14.4. Packing group:** -

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**Other applicable information (land transport)**

Not a hazardous material with respect to these transportation regulations.

**Inland waterways transport**

**Other applicable information (inland waterways transport)**

Not a hazardous material with respect to these transportation regulations.

**Marine transport**

**Other applicable information (marine transport)**

Not a hazardous material with respect to these transportation regulations.

**Air transport**

**Other applicable information (air transport)**

Not a hazardous material with respect to these transportation regulations.

**14.5. Environmental hazards**

Dangerous for the environment: no

**14.6. Special precautions for user**

Protect from humidity.

**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**

Version 1,00 - first creation - 19.07.2011

**Further Information**

Version 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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