

Thermogaze

Print date: 27.10.2011

Product code: VCSO-GD-004

Page 1 of 6

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

1.1. Product identifier

Thermogaze

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

Use of the substance/mixture

The product is a heat-sensitive gauze that is used as embroidery backing and completely disintegrates during ironing. Main application is for producing delicate lace and etching embroideries without visible stabilizer residues.

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

This mixture is not classified as dangerous according to Directive 1999/45/EC.

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

May cause mechanical irritation of eyes and skin.

Thermogaze

Print date: 27.10.2011

Product code: VCSO-GD-004

Page 2 of 6

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Thermally unstable rayon cotton tintured with aluminium sulfate solution.

According to supplier information the article does not contain any substances (SVHC) in concentrations with obligation to notify.

Further Information

Reacts acidically in connection with temperature and humidity.

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

Provide fresh air.

After contact with skin

After prolonged skin contact: Wash hands with soap and plenty of water

After contact with eyes

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

If swallowed drink water.

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

May cause eye irritations and after repeated contact skin irritations.

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

Treat symptomatically. Thermogaze reacts acidically in connection with dampness.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

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

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. Carbon monoxide and oxides of sulfur may be generated in the event of a fire.

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.

Thermogaze

Print date: 27.10.2011

Product code: VCISO-GD-004

Page 3 of 6

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

No special precautionary measures are necessary.

6.2. Environmental precautions

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

7.3. Specific end use(s)

Main application is for producing delicate lace and etching embroideries without visible stabilizer residues.

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

Wear suitable gloves. When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code. In the cases of special applications, it is recommended to check the chemical resistance with the manufacturer of the gloves.

Eye protection

During treatment: Wear eye/face protection.

Skin protection

Skin protection: not required.

Thermogaze

Print date: 27.10.2011

Product code: VCSO-GD-004

Page 4 of 6

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/cm³

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: > 400°C

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.

Thermogaze

Print date: 27.10.2011

Product code: VCISO-GD-004

Page 5 of 6

10.4. Conditions to avoid

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.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Toxicological data are not available.

Specific effects in experiment on an animal

No data available.

Irritation and corrosivity

Irritant effect on the eye: Risk of serious damage to eyes.

Sensitizing effects

No data available

Severe effects after repeated or prolonged exposure

No data available

Carcinogenic/mutagenic/toxic effects for reproduction

No data available

SECTION 12: Ecological information

12.1. Toxicity

Toxicological data are not available.

12.2. Persistence and degradability

No data available

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)

Thermogaze

Print date: 27.10.2011

Product code: VCSO-GD-004

Page 6 of 6

14.1. UN number: -

14.2. UN proper shipping name: -

14.3. Transport hazard class(es): -

14.4. Packing group: -

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

Store in a cool dry place. No special precautionary measures are necessary.

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 1,01 - first creation - 29.08.2011

Version 1,02 - Revision of hazardous substances - 30.09.2011

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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