Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010

Revision Date: 20.07.2016



Replaces version from: 01.03.2016 Print date: 11.11.2016

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

1.1 Product identifier

Version: 1 /en

Commercial Product Name S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

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

wallpaper coating Relevant identified uses

1.3 Details of the supplier of the safety data sheet

Address Follmann GmbH & Co. KG

> Postfach 12 63 D-32372 Minden

Telephone: +49 (571) 93 39 -0 FAX: +49 (571) 93 39 -300

Responsible Department Environmental Department +49 (571) 9339-176

E-mail (competent person) sicherheitsdatenblatt@follmann.de

1.4 Emergency telephone number

Emergency telephone number Outside USA: -001 703 527 3887 (D813)

#### SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to Regula-

tion (EC) No. 1272/2008

Resp. Sens. 1; H334

#### 2.2 Label elements

Hazard pictogram



GHS08

Signal word Danger

Hazardous component(s) to be indi- C, C'-azodi(formamide)

cated on label

H-statement(s) H334: May cause allergy or asthma symptoms or breathing difficulties if in-

haled.

P-statement(s) P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a po-

sition comfortable for breathing.

P342+P311: If experiencing respiratory symptoms: Call a POISON CENTER or

doctor/physician.

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

### 3.2 Mixture

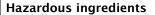
Chemical characterization Dispersion of PVC and blowing agent in plasticise

Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010 Revision Date: 20.07.2016

Replaces version from: 01.03.2016

Print date: 11.11.2016



Version: 1 /en

Ingredient		Classification (EC) 1272/2008	Concentration
C,C'-azodi(formamide)	CAS No.: 123-77-3 EC-No.: 204-650-8 Index-No.: 611-028-00-3 REACH No.: 01-2119493056-35-XXXX	Resp. Sens. 1; H334	1.0 – 5.0 % by weight

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice Move out of dangerous area. Take off all contaminated clothing immediately.

Do not leave the victim unattended. Show this safety data sheet to the doctor

in attendance.

In case of skin contact Wash off immediately with soap and plenty of water while removing all con-

taminated clothes and shoes. If skin irritation occurs, seek medical advice/at-

tention.

In case of eye contact In the case of contact with eyes, rinse immediately with plenty of water and

seek medical advice.

If swallowed Rinse mouth.Do NOT induce vomiting.Call a physician immediately.

### SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide (CO2), Foam, Water spray, Dry powder

Extinguishing media which must not High volume water jet

be used for safety reasons

#### 5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or

Hazardous decomposition products formed under fire conditions. Exposure

to decomposition products may be a hazard to health.

released gases

Gaseous hydrogen chloride (HCl). nitrogen oxides (NOx), Ammonia

#### 5.3 Advice for firefighters

Special protective equipment for

firefighting

In the event of fire, wear self-contained breathing apparatus.

Additional information on firefight-

ing

Fire residues and contaminated fire extinguishing water must be disposed of

in accordance with local regulations. Do not allow run-off from fire fighting to

enter drains or water courses.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment.

#### 6.2 Environmental precautions

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not flush into surface

water or sanitary sewer system. Avoid subsoil penetration.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, uni-

versal binder, sawdust). Clean contaminated surface thoroughly.

Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010

Version: 1 /en

Revision Date: 20.07.2016



Replaces version from: 01.03.2016 Print date: 11.11.2016

Treat recovered material as described in the section "Disposal considera-

tions".

6.4 Reference to other sections

Reference to other sections Disposal considerations See also section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling Handle and open container with care. Avoid contact with skin and eyes.

Do not breathe vapours or spray mist.

Provide appropriate exhaust ventilation at machinery.

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

For personal protection see section 8. Observe label precautions.

Advice on protection against fire

and explosion

No special protective measures against fire required.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage space and container re-

quirements

Keep in properly labelled containers. Containers which are opened must be

carefully resealed and kept upright to prevent leakage.

Storage specifications Protect from frost.

**TRGS 510** 10

10 - 30 °C Recommended storage temperature

## SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

### C,C'-AZODI(FORMAMID)

**DNEL** 

Value	Target group	Exposure route	Exposure frequency	Source
10,58 mg/kg	Workers	inhale	Long term effects sys-	100
			temic	
8,0	Workers	dermal	Long term effects sys-	100
			temic	

Source: 100 - Firmendaten

### 8.2 Exposure controls

Use the indicated respiratory protection if the occupational exposure limit is Respiratory protection

exceeded and/or in case of product release (dust).

Note: Should no job-related limit values are indicated, the product, which a monitoring exposure limit is allocated, do not contains ingredients in relevant

concentrations.

Hand protection Protective gloves complying with EN 374.Please observe the instructions re-

garding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and

the contact time.

Unsuitable material: woven fabric, Leather gloves

Suitable material: **Nitriles** 

Eve protection Tightly fitting safety goggles

Skin and body protection Wear suitable protective equipment. Long sleeved clothing

Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010

Revision Date: 20.07.2016 Replaces version from: 01.03.2016 Version: 1 /en Print date: 11.11.2016

General protective and hygiene

measures

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feedingstuffs. Wash hands before breaks and at the end of workday. Use protective skin cream before handling the product. Avoid contact with the skin and the eyes.

### **SECTION 9: Physical and chemical properties**

### 9.1 Information on basic physical and chemical properties

Physical state liquid Form paste

Colour gold colours

Odour characteristic

Flash point [ $^{\circ}$ C] > 100  $^{\circ}$ C

Evaporation rate  $[kg/(s*m^2)]$  not determined Vapour density not determined Density  $[g/cm^3]$  approx. 1,30 g/cm<sup>3</sup>

Temperature: 20 °C

Partition coefficient n-octanol /wa-

ter (log P O/W)

not determined

Autoignition temperature [°C] not determined

Viscosity, dynamic [kg/(m\*s)] approx. 4.500 - 7.000 mPas\*s

Temperature: 20 °C

Measuring method: Haake-Viscotester

Explosive properties Not relevant
Oxidising properties Not relevant

#### SECTION 10: Stability and reactivity

#### 10.4 Conditions to avoid

Conditions to avoid Hazardous decomposition products may be produced when the recommend-

ed processing temperatures or times are exceeded.

10.5 Incompatible materials

Materials to avoid Strong acids and oxidizing agents

10.6 Hazardous decomposition products

Hazardous decomposition products nitrogen oxides (NOx) Ammonia

### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

# Hazardous ingredients

#### C,C'-AZODI(FORMAMID)

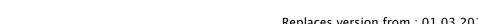
Oral toxicity [mg/kg]	Test criterion	Test species	Source
>5000 mg/kg	LD50	rat	100

Source: 100 - Firmendaten

Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010 Revision Date: 20.07.2016

Version: 1 /en



Replaces version from : 01.03.2016 Print date : 11.11.2016

Dermal toxicity [mg/kg]	Test criterion	Test species	Source
>2000 mg/kg	LD50	rabbit	100

Source: 100 - Firmendaten

Inhalative toxicity [mg/l]	Test criterion	Test species	Source
>0,52 mg/l	LC50	rat	100

Source: 100 - Firmendaten

#### 11.2 Additional information

Other information (chapter 11.) No toxicology information is available.

# **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### Hazardous ingredients

#### C,C'-AZODI(FORMAMID)

Toxicity to fish [mg/l]	Test criterion	Test species	Exposure duration	Source
50 mg/l	LC50	Carassius auratus	96 h	100
		(goldfish)		

Source: 100 - Firmendaten

Toxicity to daphnia [mg/I]	Test criterion	Source
12 mg/l	LC50	100

Source: 100 - Firmendaten

Biodegradability Biodegradable.

#### 12.5 Results of PBT and vPvB assessment

Results of PBT characteristics deter-

mination

This preparation contains no substance considered to be persistent, bioaccu-

mulating nor toxic (PBT).

12.6 Other adverse effects

Further information on ecology No information on ecology is available.

# **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

Disposal considerations According to the European Waste Catalogue, Waste Codes are not product

specific, but application specific. The following Waste Codes are only sugges-

tions

Waste Code 07 02 08\*: other still bottoms and reaction residues

Uncleaned empty packaging -

\_

### **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.1 UN-No	Not applicable.	Not applicable.	Not applicable.

Commercial Product Name: S-RSD-E 0613 GOLD FOLCO SOL S-RSD-E

Article-No.: 17130-010 Revision Date: 20.07.2016



Version : 1 /en Print date : 11.11.2016

	Land transport ADR/RID	Marine transport IMDG	Air transport ICAO/IATA
14.2 Description of the	Non dangerous good	Non dangerous good	Non dangerous good IATA
goods			
14.2 UN proper shipping		Non dangerous good	Non dangerous good
name			
14.3 Transport hazard	Not applicable.	Not applicable.	Not applicable.
class(es)			
14.4 Packaging group	Not applicable.	Not applicable.	Not applicable.
14.5 Environmental haz-	Not applicable.	Not applicable.	Not applicable.
ards			

# 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL73/78 and the IBC

Not relevant

Code

# **SECTION 15: Regulatory information**

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

Additional regulations Additionally, observe any national regulations!

### **SECTION 16: Other information**

Relevant H-phrases H334: May cause allergy or asthma symptoms or breathing difficulties if in-

haled.

Wording of the hazard classes Resp. Sens.: Respiratory sensitization

Modifications since last version Modifications of the previous version are denoted with an asterisk (\*).

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification evaluation
Resp. Sens. 1; H334

Department issuing safety data

sheet

**Environmental Department** 

Further information Full text of R-phrases referred to under sections 2 and 3

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.