

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017
Print date: 29-May-2017
Version: 4

Page 1/6



SCHAETTI FIX 2047, 2048, 2050, 2051,2052

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

1.1. Product identifier

Trade name/designation:

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

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

Use of the substance/mixture:
 Thermoplastic adhesive

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

Schaetti AG
 Hertistrasse 27
 CH-8304 Zürich-Wallisellen
Telephone: +41 44 839 48 00
Telefax: +41 44 839 48 10
E-mail: info@schaetti.com

1.4. Emergency telephone number

+41 44 839 4800, Notfallauskunft: +41 44 839 4800

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

No data available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard components for labelling:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Special rules for supplemental label elements for certain mixtures:

According to EC directives or the corresponding national regulations the product does not have to be labelled.

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.1. Substances

Description:

Polyethylene-Vinylacetate (EVA), CAS No. 24937-78-8

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 108-05-4 EC No.: 203-545-4	vinyl acetate STOT SE 3, Flam. Liq. 2, Acute Tox. 4, Carc. 2 Danger H225-H332-H335-H351	0 - 0.3 Wt %

Full text of H- and EUH-phrases: see section 16.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017

Print date: 29-May-2017

Version: 4

Page 2/6

schaetti
coating technology

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation:

In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with molten product, cool skin area rapidly with cold water.

After eye contact:

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion:

Rinse mouth. Get medical advice/attention.

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

-

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

-

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Extinguishing powder Water spray Carbon dioxide (CO₂)

Unsuitable extinguishing media:

High power water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon dioxide (CO₂) Carbon monoxide Acetic acid

5.3. Advice for firefighters

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

5.4. Additional information

No data available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Avoid dust formation. Use personal protection equipment.

6.1.2. For emergency responders

No data available

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For cleaning up:

Take up dust-free and set down dust-free.

6.4. Reference to other sections

No data available

6.5. Additional information

See section 8.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017

Print date: 29-May-2017

Version: 4

Page 3/6

schaetti
coating technology

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

If handled uncovered, arrangements with local exhaust ventilation should be used if possible. Avoid dust formation.

Fire prevent measures:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Dust can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels:

Store in a cool dry place. Keep away from heat.

Storage class: 11 - Combustible solids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① long-term occupational exposure limit value ② short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
IOELV (EU)	vinyl acetate CAS No.: 108-05-4	① 5 ppm (17.6 mg/m ³) ② 10 ppm (35.2 mg/m ³)
TRGS 900 (DE)	vinyl acetate CAS No.: 108-05-4	① 5 ppm (18 mg/m ³) ② 10 ppm (36 mg/m ³)

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

No data available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No data available

8.2.2. Personal protection equipment

Eye/face protection:

Suitable eye protection:

Skin protection:

Hand protection: Wear suitable gloves.

Respiratory protection:

dust formation Filtering Half-face mask (DIN EN 149)

Other protection measures:

Protective clothing: Wear anti-static footwear and clothing

8.2.3. Environmental exposure controls

No data available

8.3. Additional information

Inhalation of dust/particles A: respirable fraction: 1.25 mg/m³, peak limitation 2(II) (TRGS 900)

Inhalation of dust/particles E: inhalable fraction: 10 mg/m³, peak limitation 2(II) (TRGS 900)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017

Print date: 29-May-2017

Version: 4

Page 4/6

schaetti
coating technology

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Powder, Granulate

Colour: white

Odour: fruity

Safety relevant basis data

parameter		at °C	Method	Remark
pH	<i>not determined</i>			
Melting point	70 - 80 °C		DSC	
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	<i>not determined</i>			
Decomposition temperature (°C):	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Ignition temperature in °C	> 350 °C			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	<i>not determined</i>			
Vapour density	<i>not determined</i>			
Relative density	> 1 g/cm ³	20 °C		
Bulk density	<i>not determined</i>			
Water solubility (g/L)	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	<i>not determined</i>			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Only use the material in places where open light, fire and other flammable sources can be kept away.

10.5. Incompatible materials

Humidity

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

-

Acute dermal toxicity:

-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017

Print date: 29-May-2017

Version: 4

Page 5/6

schaetti
coating technology

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

Acute inhalation toxicity:

-

Skin corrosion/irritation:

Inhalation of dust may cause irritation of the respiratory system.

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity:

No data available

12.2. Persistence and degradability

Additional information:

Further ecological information: According to experiences this product is inert and not degradable.

12.3. Bioaccumulative potential

Accumulation / Evaluation:

No indication of bioaccumulation potential.

12.4. Mobility in soil

not applicable

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
108-05-4	vinyl acetate	—

No data available

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Can be incinerated together with household waste in compliance with applicable technical regulations following consultation with approved waste disposal management companies and authorities in charge.

13.2. Additional information

No data available

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

14.1. UN-No.

not relevant

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not relevant

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 18-May-2017

Print date: 29-May-2017

Version: 4

Page 6/6

schaetti
coating technology

SCHAETTI FIX 2047, 2048, 2050, 2051,2052

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not relevant

SECTION 15: Regulatory information

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

No data available

15.2. Chemical Safety Assessment

No data available

15.3. Additional information

No data available

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

No data available

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No data available

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements

H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.

16.6. Training advice

No data available

16.7. Additional information

No data available