

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

1.1. Product identifier

Trade name

Trifilon Revo1041, 1042

Article No.

Revo1041-10510-1

Revo1042-10459-1

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

Product type

Natural fiber reinforced polypropylene

Relevant identified uses

Injection moulding of articles

1.3. Details of the supplier of the safety data sheet

SDS created by

Trifilon AB

Supplier

Trifilon AB

Street address

Flättnaleden 6

611 45 Nyköping

Sweden

Email

info@trifilon.com

1.4. Emergency telephone number

Contact: +46 (0)72-244 01 00

Available outside office hours

No

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Skin sensitisation, hazard category 1, sub-category 1A

Hazard statements

H317

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing Avoid breathing dust/fume/gas/mist/vapours/spray..

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 IF ON SKIN: Wash with plenty of water/.

P362 + P364 Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
maleic anhydride	108-31-6 203-571-6 01-2119472428-31-0077 607-096-00-9	>0.001 - <0.1%	Acute Tox. 4 - oral, Skin Corr. 1B, Skin Sens. 1A, Resp. Sens. 1, STOT SE 3 - resp. tract irrit.	H302, H314, H317, H334, H372, EUH071 - -	Skin Sens. 1A; H317: C ≥ 0,001 %

Product based on

Polypropylene based compound contains recycled polypropylene, natural fibers and additives

Substance additional information

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

IF INHALED: Call a doctor if you feel unwell.

Skin contact

Wash with plenty of water/soap. In case of skin reactions, consult a physician.

Eye contact

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

If eye irritation persists: Get medical advice/attention.

Ingestion

IF SWALLOWED: Call a doctor if you feel unwell.

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

The melted product can cause severe burns.

Skin contact

May cause an allergic skin reaction.

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

Use extinguishing powder for extinction.

In case of fire: Use foam to extinguish.

In case of fire: Use water to extinguish.

In case of fire: Use carbon dioxide to extinguish.

5.2. Special hazards arising from the substance or mixture

Degradation products:

Carbon dioxide

Carbon monoxide

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Self-contained respirator (breathing apparatus)

Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.

6.2. Environmental precautions

Discharge into the environment must be avoided.

6.3. Methods and material for containment and cleaning up

Sweep up with a clean handbrush and separate from other dust.

6.4. Reference to other sections

For further specification, refer to section 8 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Use personal protection equipment.

Do not breathe dust.

Avoid: Eye contact

General hygiene

Wash hands and face before breaks and after work and take a shower if necessary.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

Store in a dry place.

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

Eye / face protection

Eye glasses

Hand protection

Wear protective gloves.

Other skin protection

Protective clothing.

Respiratory protection

Work in well-ventilated zones or use proper respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Solid

Colour

light beige

Odour

Weak smell

Melting point / freezing point

> 150 °C

Boiling point or initial boiling point and boiling range

No data available

Flammability

No data available

Lower and upper explosion limit

No

Flash point

No data available

Auto-ignition temperature

No data available

Decomposition temperature

> 250 °C

pH

> 6.5

Kinematic viscosity

No data available

Solubility

The substance is not soluble in water.

Partition coefficient n-octanol/water

No data available

Vapour pressure

No data available

Density and/or relative density

≥ 1 g/cm³

Relative vapour density

No data available

Particle characteristics

No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

This material is considered to be non-reactive under normal use conditions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards

No data available

SECTION 12: Ecological information

12.1. Toxicity

No data 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

No data available

12.6. Endocrine disrupting properties

No data available

12.7. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Contain and dispose of waste according to local regulations.

Dispose of waste product or used containers according to local regulations.

Packaging

Contain and dispose of waste according to local regulations.

SECTION 14: Transport information

14.1. UN number

No dangerous good in sense of these transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not applicable

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

National regulations

No data available

15.2. Chemical safety assessment

No data available

SECTION 16: Other information

Changes to previous revision

Section 1: Identification Section 2: Hazard(s) Identification Section 3: Composition/Information on Ingredients Section 4: First-Aid Measures Section 5: Fire-Fighting Measures Section 6: Accidental Release Measures Section 7: Handling and Storage Section 8: Exposure Controls/Personal Protection Section 9: Physical and Chemical Properties Section 10: Stability and Reactivity Section 11: Toxicological Information Section 12: Ecological Information (non-mandatory) Section 13: Disposal Considerations (non-mandatory) Section 14: Transport Information (non-mandatory) Section 15: Regulatory Information (non-mandatory) Section 16: Other Information

Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Corr. 1B - Skin corrosion, hazard category 1B

Skin Sens. 1A - Skin sensitisation, hazard category 1, sub-category 1A

Resp. Sens. 1 - Respiratory sensitisation, hazard category 1

STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H372 Causes damage to organs through prolonged or repeated exposure .

EUH071 Corrosive to the respiratory tract.

Other

Additional information references

This data is based on the current state of our information and experience. This material safety data sheet describes our product in terms of safety requirements. Preceding data is not applicable as a warranty of product properties. It is the responsibility of the recipient to observe the existing legal regulations for the use of this product.