EVATANE® 28-800

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 25/01/2024 Revision date: 25/01/2024 Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Trade name : EVATANE® 28-800
Type of product : Polymers

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Hotmelt adhesives and coatings
Coextrusion
Foam
Compound
(Read the technical data sheet)

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier
SK Functional Polymer
16, Place de l'Iris
Tour CB21
fr 92400 Courbevoie , Île-de-France
France
T +33 (0)9 74 18 95 07
info-sds.skfp@sk.com

1.4. Emergency telephone number

Emergency number : +1 703-741-5970 / 1-800-424-9300 / European emergency No: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

The product is put on the market on a form that encapsulates component(s) in a polymer, To our knowledge, product on this form shouldn't have any significant risk for health by inhalation, ingestion or contact with skin or for the environment, According to European classification and labelling regulation for hazardous substances and preparations, the product is not subjected to labelling although one/several component(s) is/are classified as hazardous.
No labelling applicable

2.3. Other hazards

Other hazards which do not result in classification : Contact with hot material - prevent serious burns. May be irritating to the respiratory system. The product is not biodegradable.

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Polymer based on: Ethylene - Vinyl acetate (Polymer)	CAS-No.: 24937-78-8	> 99	Not classified
vinyl acetate (Impurity, Residual monomer)	CAS-No.: 108-05-4 EC-No.: 203-545-4 EC Index-No.: 607-023-00-0	< 0.5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT SE 3, H335 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : No particular/specific measures required. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Artificial respiration and/or oxygen if necessary. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : After contact with the molten product, cool rapidly with cold water. Do not tear off solidified product from the skin. Seek medical attention if burns develop. Wash skin with plenty of water.

First-aid measures after eye contact : Dust. Immediately rinse with water for a prolonged period while holding the eyelids wide open. If irritation persists, consult an eye specialist.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell. Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : No data available.

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

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition generates : Carbon oxides (CO, CO2). acetic acid.

5.3. Advice for firefighters

Precautionary measures fire : Get the package away from the fire if this can be done without risk.
Protection during firefighting : Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Avoid dust formation. Protective goggles or face shield. In case of insufficient ventilation, wear suitable respiratory equipment.

6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment.

6.2. Environmental precautions

Do not discharge the product into the environment. Prevent the product from entering drains or confined areas.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Recover as much product as possible. Take up mechanically (sweeping, shovelling) and collect in suitable container for disposal. Notify authorities if product enters sewers or public waters.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Material can accumulate some static charge during transfer. Avoid dust formation. Ensure good ventilation of the work station. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment.
Hygiene measures : Always wash hands after handling the product. Remove contaminated clothing and protective equipment before entering eating areas. Avoid inhalation of dust and contact with skin and eyes. Do not eat, drink or smoke during use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store away from heat/moisture. Remove all sources of ignition. Ground well. Store in a well-ventilated place. Keep cool. Protect from sunlight.
Incompatible products : None known.
Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

vinyl acetate (108-05-4)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Vinyl acetate
IOEL TWA	17.6 mg/m³
	5 ppm
IOEL STEL	35.2 mg/m³
	10 ppm
Regulatory reference	COMMISSION DIRECTIVE 2009/161/EU

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

DNEL : No data available
PNEC : No data available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Provide adequate ventilation to minimize dust concentrations. Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:
In case of insufficient ventilation, wear suitable respiratory equipment. In case of hazardous fumes, wear autonomous breathing apparatus. Use insulated gloves when handling this material hot. Safety goggles. Protective clothing. Wear appropriate mask.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Safety glasses

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Colour	:	white. natural colour.
Appearance	:	Pellet.
Odour	:	Ester.
Odour threshold	:	No data available
Melting point	:	63 °C
Freezing point	:	Not applicable.
Softening point	:	< 40 °C (VICAT)
Boiling point	:	Not applicable.
Flammability	:	No data available
Explosive properties	:	Not relevant.
Oxidising properties	:	Not relevant.
Lower explosion limit	:	Not applicable
Upper explosion limit	:	Not applicable
Flash point	:	Not applicable.
Auto-ignition temperature	:	No data available
Decomposition temperature	:	≈ 260 °C
pH	:	Not applicable.
pH solution	:	Not available
Viscosity, kinematic	:	Not applicable
Solubility	:	Material insoluble in water (Ambient temperature). Water: < 1 mg/l at 20 °C Organic solvent:Carbon tetrachloride
Partition coefficient n-octanol/water (Log Kow)	:	No data available
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Vapour pressure	:	Not relevant
Vapour pressure at 50°C	:	Not relevant
Density	:	940 kg/m³ typical value
Relative density	:	Not available
Relative vapour density at 20°C	:	Not relevant
Particle size	:	2 — 3 mm typical value

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling.

10.3. Possibility of hazardous reactions

None under normal use.

10.4. Conditions to avoid

Heat. flames or sparks. Direct sunlight. Moisture.

10.5. Incompatible materials

Strong oxidizing agents. Acids.

10.6. Hazardous decomposition products

Toxic and corrosive vapours may be released. Thermal decomposition generates : Carbon oxides (CO, CO2). acetic acid.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Polymer: according to its composition, this product should not be harmful in normal conditions of use

Acute toxicity (dermal) : Polymer: according to its composition, this product should not be harmful in normal conditions of use

Acute toxicity (inhalation) : Thermal decomposition can lead to the release of irritating gases and vapours

vinyl acetate (108-05-4)	
LD50 oral rat	3470 mg/kg Source: ECHA
LD50 oral	2900 mg/kg
LD50 dermal rabbit	2335 mg/kg Source: ChemIDPlus
LD50 dermal	2325 mg/kg
LC50 Inhalation - Rat (Vapours)	11.4 mg/l/4h

Skin corrosion/irritation : Slightly irritating to the skin
pH: Not applicable.

Additional information : The product is not considered to be irritating to the skin
Contact with hot material - prevent serious burns

Serious eye damage/irritation : May cause eye irritation
pH: Not applicable.

Additional information : Contact with hot material - prevent serious burns
At high temperature, products of thermal decomposition can be irritating to eyes

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Polymer: according to its composition, this product should not be harmful in normal conditions of use

Carcinogenicity : Polymer: according to its composition, this product should not be harmful in normal conditions of use

vinyl acetate (108-05-4)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Polymer: according to its composition, this product should not be harmful in normal conditions of use

STOT-single exposure : Thermal decomposition can lead to the release of irritating gases and vapours

Additional information : Dust from this product may cause respiratory irritation

vinyl acetate (108-05-4)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Polymer: according to its composition, this product should not be harmful in normal conditions of use

vinyl acetate (108-05-4)	
NOAEL (subchronic, oral, animal/male, 90 days)	285 mg/kg bodyweight Animal: mouse, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

vinyl acetate (108-05-4)	
NOAEL (subchronic, oral, animal/female, 90 days)	281 mg/kg bodyweight Animal: mouse, Animal sex: female, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)

Aspiration hazard : Not applicable.

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Not classified (No data available)

Hazardous to the aquatic environment, long–term (chronic) : Not classified (No data available)

vinyl acetate (108-05-4)	
LC50 - Fish [1]	2.4 mg/l
EC50 - Crustacea [1]	12.6 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	8.81 mg/l Source: ECHA
NOEC chronic fish	0.551 mg/l Test organisms (species): Pimephales promelas Duration: '34 d'
NOEC chronic algae	0.2 mg/l

12.2. Persistence and degradability

EVATANE® 28-800	
Persistence and degradability	inert. Water : Not biodegradable.

12.3. Bioaccumulative potential

EVATANE® 28-800	
Partition coefficient n-octanol/water (Log Pow)	No data available
Partition coefficient n-octanol/water (Log Kow)	No data available
Bioaccumulative potential	No data available.
Additional information	Data for mixture are not available

vinyl acetate (108-05-4)	
Partition coefficient n-octanol/water (Log Pow)	0.93 Source: ICSC

12.4. Mobility in soil

EVATANE® 28-800	
Additional information	Vapour pressure. Not relevant

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : No adverse effects expected.

12.7. Other adverse effects

Other adverse effects : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not discharge the product into the environment. Dispose of in accordance with relevant local regulations. Recycle the material as far as possible. Incinerate at a licensed installation.

Product/Packaging disposal recommendations : Do not discharge the product into the environment. Recycle the material as far as possible. Depending on the local regulations it may be disposed of as solid waste or incinerated in a suitable installation. Dispose of in accordance with relevant local regulations.

Additional information : The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
No supplementary information available				

14.6. Special precautions for user

Overland transport
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

Inland waterway transport
Not applicable

Rail transport
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

15.1.1. EU-Regulations

No additional information available

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

Chemical Safety Assessment not required

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Carc. 2	Carcinogenicity, Category 2
EUH210	Safety data sheet available on request.
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H412	Harmful to aquatic life with long lasting effects.
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information applies to the PRODUCT AS SUCH and conforming to specifications of SKFP. In case of formulations or mixtures, it is necessary to ascertain that a new danger will not appear. The information contained is based on our knowledge of the product, at the date of publishing and it is given quite sincerely. Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive. It is the responsibility of the person receiving the product to refer to the totality of the official documents concerning the use, the possession and the handling of the product. It is also the responsibility of the handlers of the product to pass on to any subsequent persons who will come into contact with the product (usage, storage, cleaning of containers, other processes) the totality of the information contained within this safety data sheet and necessary for safety at work, the protection of health and the protection of environment.