

SAFETY DATA SHEET

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

Runotex Tix Transparent/M82

SECTION 1. Identification of the substance/mixture and of the company

1.1 Product identifier Runotex Tix Transparent/M82

1.2 Relevant identified uses of the product and uses advised against

Intended use: Sealant. Professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer: Sunchem AB
Postal address: Box 69
S-433 21 Partille, Sweden
Tel.: +46-31 44 73 10 - F +46 31 44 95 81
E-mail: purchasing@sunco.se

1.4 Telephone emergency number:

In case of emergency, contact toxicological information, emergency tel 112.
For non-emergency poison information, see:
http://www.who.int/gho/phe/chemical_safety/poisons_centres/en/

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

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

Flammable Liquids (Category 3), H226
Specific target organ toxicity (single exposure) Category 3, H336

2.2 Label elements

Classification according to regulation (EC) No. 1272/2008 (CLP)

Pictogram(s)



Signal word

Warning

Hazard statements

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to an approved waste disposal plant

Additional information

EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

This mixture does not contain any substances that meets the criteria for PBT or vPvB in accordance with Regulation (EC) No. 1907/2006, Annex XIII.

SECTION 3. Composition/information on ingredients

3.2 Mixtures

Declaration of components according to Regulation (EC) No. 1272/2008

Chemical name	CAS No. EC No.	REACH Reg. No. Index No.	Conc. %	Classification
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	64742-48-9 919-857-5	01-2119463258-33 -	50-60	Flam. Liq. 3; H226 Asp. Tox. 1; H304* STOT SE 3; H336
Hydrocarbons, C10- C13, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	- 918-481-9	01-2119457273-39 -	10-15	Asp. Tox. 1; H304*
Amid wax	- 937-094-6	- -	0-<1	Acute Tox. 4; H332 Aquatic Chronic 4; H413

*) Based on the products physical state (paste) an exception of classification as H304 is applicable, due to viscosity > 20 cSt (See Section 9).

For full text of the H-statements see section 16 "Other information".

SECTION 4. First aid measures

4.1 Description of first aid measures

General:	In the least doubt or if symptoms persist, seek medical attention.
Inhalation:	Fresh air and rest. If symptoms persist, seek medical attention.
Skin contact:	Take off immediately all contaminated clothing. Rinse skin with water/shower. Apply emollient cream. Repeated exposure may cause skin dryness or cracking.
Eye contact:	Rinse carefully with water for several minutes. Remove any contact lenses if this can be done easily. Continue to rinse. If eye irritation persists, consult a doctor.
Ingestion:	Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Drink a few glasses of water or milk. Contact physician if larger quantity has been consumed.

4.2 Most important symptoms and effects, both acute and delayed

Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment. Consult a doctor and show this safety data sheet.

SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use water fog, alcohol resistant foam, powder, or carbon dioxide. Even soil or sand.

Unsuitable extinguishing media: Water with a full water jet.

5.2 Special hazards arising from the substance or mixture

Flammable liquid and vapour. The vapours may form explosive air mixtures. Vapours are heavier than air and may spread along floors.

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

5.3 Advice to firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Cool containers exposed to flames with water.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources. Ensure adequate ventilation, especially in confined areas. Wear personal protective equipment, see Section 8.

6.2 Environmental precautions

Avoid discharges to soil, water or air. Prevent discharges into sewers.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, universal binders, sawdust). Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 8 for personal protection and Section 13 for disposal considerations, respectively.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Keep away from heat, ignition sources – no smoking. Take precautionary measures against static discharge. Flammable vapours may be present in empty containers. Wash hands before breaks, and at the end of the work. Use skin cream after handling the product. Contaminated working cloths should not be allowed out of the workplace. Take off contaminated clothing and wash it before reuse. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities

Store only in the original package. Prevent penetration of the product into the floor. Keep away from oxidising agents. Store the package in a well-ventilated place. Keep container tightly closed. Protect from heating and direct sunlight. Keep cool.

Storage temperature: $\geq 5^{\circ}\text{C}$

7.3 Specific end use(s)

See Section 1.2.

SECTION 8. Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

The national occupational exposure limit values that correspond to Union occupational exposure limit values in accordance with Directive 98/24/EC, including any notations as referred to in Article 2(3) of Commission Decision 2014/113/EU(5);

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%. (64742-48-9).		
EU	Type of values	Values
EU	IOELV TWA (mg/m ³)	116 mg/m ³
EU	IOELV TWA (ppm)	20 ppm
EU	IOELV STEL (mg/m ³)	290 mg/m ³
EU	IOELV STEL (ppm)	50 ppm
EU	Notes	skin. SCOEL Recommendations (2007)

8.2 Exposure control

Assigned personal protection equipment is a guideline. A risk assessment of actual risks may lead to other requirements.

Angiven skyddsutrustning är vägledande. En riskbedömning av faktiska risker kan leda till andra krav.

8.2.1 Engineering controls

Work in a well-ventilated area. Mechanical ventilation of local exhaust may be required.

8.2.2 Personal protection

Do not eat, drink or smoke when using this product. Wash hands after handling. Use skin lotion or cream to prevent dryness of the skin.

8.2.2.1 Eye protection

In the event of spatter, wear protective goggles. STANDARD EN 166.



8.2.2.2 Hand protection

In the event of direct contact or spatter, use protective gloves. Examples of preferred glove barrier materials include nitrile rubber and neoprene rubber. Layer thickness: 0,2-0,4 mm. Breake through time: < 480 min STANDARD EN 374.

Skin protection

Wear protective clothing.

8.2.2.3 Respiratory protection

In case of inadequate ventilation, respiratory protection (full-face mask with gas filter type A/P2, brown) or breathing apparatus may be required. EN14387.

8.2.2.4 Thermal hazard

The product is classified as flammable liquid and vapour.

8.3 Environmental exposure control

See Section 6.2.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

a	Physical state	Paste
b	Colour	Transparent
c	Odour/odour threshold	Characteristic/Kerosone
d	Melting point/Freezing point	No data available/not applicable
e	Initial boiling point/boiling range	160 °C
f	Flammability (solid, gas)	Flammable liquid and vapour.
g	Lower and upper explosion limit	No data available/not applicable
h	Flash point	41 °C
i	Auto-ignition temperature	No data available/not applicable
j	Decomposition temperature	No data available/not applicable
k	pH	No data available/not applicable
l	Kinematic viscosity	> 40 cSt
m	Solubility	No data available/not applicable
n	Partition coefficient (n-octanol/water)	No data available/not applicable
o	Vapour pressure	No data available/not applicable
p	Density and/or relative density	No data available/not applicable
q	Relative vapour density	No data available/not applicable
r	Particle characteristics	No data available/not applicable

9.2 Other information

9.2.1 Information with regard to physical hazard classes

a	Explosives	Not explosive.
b	Flammable gases	Flammable vapour.
c	Aerosols	No data available/not applicable
d	Oxidising gases	No data available/not applicable
e	Gases under pressure	No data available/not applicable
f	Flammable liquids	Flammable liquid.
g	Flammable solids	No data available/not applicable
h	Self-reactive substances and mixtures	No data available/not applicable
i	Pyroforic liquids	No data available/not applicable
j	Pyroforic solids	No data available/not applicable
k	Self-heating substances and mixtures	No data available/not applicable
l	Substances and mixtures, with emit flammable gases in contact with water	No data available/not applicable
m	Oxidising liquids	No data available/not applicable
n	Oxidising solids	No data available/not applicable
o	Organic peroxides	No data available/not applicable
p	Corrosive to metals	No data available/not applicable
q	Desensitised explosives	No data available/not applicable

9.2.2 Other safety characteristics

a	Mechanical sensitivity	No data available/not applicable
b	Self-accelerating polymerisation temperature	No data available/not applicable
c	Formation of explosible dust/air mixtures	No data available/not applicable
d	Acid/alkaline reserve	No data available/not applicable
e	Evaporation rate	No data available/not applicable
f	Miscibility	No data available/not applicable
g	Conductivity	No data available/not applicable
h	Corrosiveness	No data available/not applicable
i	Gas group	No data available/not applicable
j	Redox potential	No data available/not applicable
k	Radical formation potential	No data available/not applicable
l	Photocatalytic properties	No data available/not applicable

SECTION 10. Stability and reactivity

10.1 Reactivity

The vapours may form explosive air mixtures.

10.2 Chemical stability

Stable under recommended storage and usage conditions.

10.3 Possibility of hazardous reactions

May occur during contact with unsuitable conditions or incompatible materials, see Section 10.4 and 10.5, respectively.

10.4 Conditions to avoid

Excessive heat.

10.5 Incompatible materials

Oxidising agents.

10.6 Hazardous decomposition products

During fire or high temperatures, carbon monoxide (CO) may be formed.

SECTION 11. Toxicological information

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

No toxicological tests have been performed on the product. The product is not classified as toxic or harmful.

Hazardous components CAS no.	Value Type	Value	Route of exposure	Exposure time	Species	Method
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	LD50	>5000 mg/kg	Oral		Rat	
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	LD50	>5000 mg/kg	Dermal		Rabbit	
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	LC50	>5mg/l	Inhalation		Rat	4h (dust/smog)

Classification according to GHS (1272/2008/EC, CLP)

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/eye irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not classified
Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT – single exposure:	May cause drowsiness or dizziness.
STOT – repeated exposure:	Not classified
Aspiration hazard:	Not classified (exception due to high viscosity)

11.2 Information on other hazards

No more specific information.

SECTION 12. Ecological information

12.1 Toxicity

No toxicological tests have been performed on the product. The product is not classified as toxic or harmful for ecosystems.

Hazardous components CAS no.	Value Type	Value	Route of Exposure	Exposure Time	Species	Method
Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	LL50	>1000 mg/l	Water	96 h	Fish	

Hydrocarbons, C9-C11, n-alkanes, iso-alkanes, cyclics aromatics < 2%.	EL50	>1000 mg/l	Water	72 h	Algae	
---	------	------------	-------	------	-------	--

12.2 Persistence and degradability

Biogradable. >= 70% (28 dagys, method OECD 301E).

12.3 Bioaccumulative potential

No data available about Log Pow.

12.4 Mobility in soil

Slightly soluble.

12.5 Results of PBT and vPvB assessment

The substance/mixture does not fulfil the criteria to be identified as PBT substance or vPvB substance.

12.6 Endocrine disrupted properties

No additional data available.

12.7 Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods

Dispose according to Directive 2008/98/EC on waste (Waste Framework Directive) and in compliance with local and national legislation. Do not allow to enter sewers. Transfer to a waste container and send for destruction. Directive (EU) 2018/851 of the European Parliament.

Packaging may still contain hazardous residues and disposal should be undertaken by a licensed waste contractor. Any disposal practice must be in comply with local and national laws and regulations.

Dispose as hazardous waste.

Suggested EWC codes

15 01 10* - Packaging containing residues of or contaminated by hazardous substances

SECTION 14. Transport information

Exception to UN classification according to ADR 2.3.1.2.1 (extra high viscosity etc).

14.1 UN number

ADR	-
RID	-
IMDG	-
ICAO/IATA	-

14.2 UN proper shipping name

ADR	-
RID	-
IMDG	-
ICAO/IATA	-

14.3 Transport hazard class(es)

ADR	-
Hazard no.	-
RID	-
ADN	-
IMDG	-
ICAO/IATA	-

14.4 Packaging group

ADR	-
RID	-
IMDG	-
ICAO/IATA	-

14.5 Environmental hazards

ADR	NO
RID	NO
IMDG	NO
ICAO/IATA	NO

14.6 Special precautions for user

Tunnel restriction code	-
Limited quantities, ADR	-

14.7 Maritime transport in bulk according to IMO instruments.

No IBC-code for bulk transport offshore (MARPOL).

SECTION 15. Regulatory information

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

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No

793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16. Other information

Revision summary

Version 4.

Mainly updates according REACH Appendix II. New titles and Section 9. In Section 3: Correction of the EG number and H phrases according to raw data MSDS, and extra H336 classification and P-phrases, and extra hazard pictogram. Extra data values also to Section 8,11 and 12. A new exception to UN/ADR classification.

Explanations to abbreviations in Section 14

ADR	European Agreement Concerning the International Carriage of Dangerous Goods by Road
RID	Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by rail)
IMDG	IMDG code (International Maritime Dangerous Goods Code)
ICAO	International Civil Aviation Organization (ICAO, 999 University Street, Montreal, Quebec H3C 5H7, Canada)
IATA	International Air Transport Association

Explanations to abbreviations in Section 3

Flam. Liq. 3	Flammable Liquid (Category 3)
Acute Tox 4	Acute Toxicity (Category 4)
Asp Tox 1	Aspiration toxicity (Category 1)
STOT SE 3	Specific target organ toxicity (single exposure) (Category 3)
Aquatic Chronic 4	Hazardous to the aquatic environment - Chronic Category 4

Explanations to H statements in Section 3

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H413	May cause long lasting harmful effects to aquatic life.

This safety data sheet has been produced and reviewed by Chemgroup Scandinavia AB.