

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sikalastic® Rapid Structured Coating RA



Revision Date 07.09.2011

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

1.1 Product identifier

Trade name

/ Sikalastic® Rapid Structured Coating RA

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1.1
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 3 ear Protection (e.g. gloves, eye protection, face protection).

Response:

0% : 1 : 1% -% BF CN S9N (or 4air)/ Taie o66 i . . edi; atel(all conta . inated clot4ing. Rinse \$1in 5it4 5ater \$4o5er.
 1% : 1% B6 \$1in irritation or rash occur\$/) et . edical ad#ice attention.
 70 : 7, Bn ca\$e o6 6ire/ 8\$e dr(\$and\$ dr(c4e . ical or alco4ol;re\$istant 6oa . to e>tingui\$4.

Hazardous components listed on the label:

- 0;0,0;7 ;et4(l4e>(l acrlate
- 01;97;1 . et4(l . et4acr(late

2.3 Other hazards

The substance may contain hazardous components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical name CAS;No. EC;No. Registration number	Classification (REACH) (EC) No. 1272/2008	Concentration EDF
et4(l4e>(l acrlate 10%;11;7 0%;0,0;7	STCT SE% H%- S1in Brrit. !G H%1- S1in Sen\$.1G H%17	HI 10 ; J !0
. et4(l . et4acr(late ,0;"!;" !01;!97;1 01;!119+- !+9,;!,;K K K K	Fla . . 2i?. !G H!! - STCT SE% H%- S1in Brrit. !G H%1- S1in Sen\$.1G H%17	HI !!- ; J -

For the full text of the H-Statements mentioned in this Section see Section 1.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice / = move out of dangerous area.
 Consult a physician.
 Show this label (data sheet) to the doctor in attendance.

Inhaled / = move to fresh air.
 Consult a physician after significant exposure.

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- On contact with skin / Take off contaminated clothing and shoes immediately. Wash with soap and water. If irritation persists, call a physician.
- On contact with eyes / Remove contact lenses. Rinse eyes with water. If irritation persists, consult a specialist.
- Do not induce vomiting without medical advice. Rinse mouth with water. Do not give oil or alcoholic beverage. Never give anything to eat or drink to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

- Skin irritation / Allergic reaction. Erythema. Dermatitis. See Section 11 for more detailed information on health effects and symptoms.
- Rhinitis / Irritant effect. Sensitizing effect. Cause skin irritation. = also cause an allergic skin reaction.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment / Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media / Alcohol-resistant foam. Carbon dioxide (CO2). Dry chemical.
- Unsuitable extinguishing media / Water. High pressure water jet.

5.2 Special hazards arising from the substance or mixture

- Specific hazard during fire; fighting / Do not use a solid water stream as it may scatter and spread fire.
- Hazardous combustion products; / No hazardous combustion products are known.

5.3 Advice for firefighters

- Special protective equipment / In the event of fire, wear self-contained breathing apparatus.

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Further information / Please refer to the MSDS of the components.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions / Wear eye protection. Avoid contact with skin and clothing. Remove contaminated clothing and footwear immediately.

* Avoid breathing dusts or vapors. Avoid contact with eyes and skin.

6.2 Environmental precautions

Environmental Precautions / Prevent product from entering drains. Do not allow product to come in contact with water or drains.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up / Contain spillage and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local national regulations (See Section 1).

6.4 Reference to other sections

For Personal Protection See Section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling / Do not breathe dusts or vapors. Avoid eye contact. Do not get in eyes, on skin or on clothing. For Personal Protection See Section 8. Wear eye protection. Avoid contact with skin and clothing. Remove contaminated clothing and footwear immediately. Do not eat, drink or smoke. Do not use open flames or sparks. Do not use heat. Do not use in confined spaces. Do not use in poorly ventilated areas. Do not use in the presence of fire or heat. Do not use in the presence of oxidizing agents. Do not use in the presence of acids or alkalis. Do not use in the presence of strong oxidizing agents. Do not use in the presence of strong reducing agents. Do not use in the presence of strong acids or alkalis. Do not use in the presence of strong oxidizing or reducing agents. Do not use in the presence of strong acids or alkalis. Do not use in the presence of strong oxidizing or reducing agents.

Advice on Protection against fire and explosion / Please refer to the MSDS of the components.

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Caution () : Ensure against electrostatic discharge.

Hygiene : Ensure / Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink. Do not inhale dust. Wash hands before meals and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage area and container / Store in original closed (and sealed) container. Containers are opened with care, resealed and returned to original condition. Store in accordance with local regulations.

Other data / No decomposition is stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) / No data available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with workplace control parameters

Component	CAS;No.	Value	Control Parameter; Term	MSDs
Isocyanate	27163-62-1	STE2	100 mg/m ³ +1" .g .%) * EH+0
		T3 A	-0 mg/m ³ !0, .g .%) * EH+0

8.2 Exposure controls

Personal protective equipment

Eye Protection / Safety glasses with side shields
Eye contact with dust or fumes

Hand Protection / Chemical-resistant gloves of low permeability (e.g. nitrile) for handling the product. Reference number EN 374. Follow manufacturer's specifications.

Suitable for short time use or protection against splash
* nitrile gloves (O+ . . .)
Contaminated gloves should be removed.
Suitable for dermal contact

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Weight (0.5 kg) /
Net weight 0.5 kg.

Storage and handling / Protective clothing (e.g. Safety shoes acc. to EN 345 + -
long-sleeved long-sleeved clothing, long trousers). Rubber gloves
and protective shoes are additional (recommended for stirring and
application).

Respirator (Protection) / Respirator selection must be based on 15 min or anticipated
exposure level of the hazard of the product and the safe working
limit of the selected respirator.
organic vapor filter (Type A)
A1/J 1000 or A1/J -000 or A/J 10000.
Ensure adequate ventilation. This can be achieved by local
exhaust extraction or general ventilation. (EN 12195-2; see also
instructions for application and use). This applies in particular
to the stirring area. In case this is not sufficient
to keep the concentration under the occupational exposure
limit, the respiratory protection measures must be used.

Environmental exposure controls

General advice / Prevent product from entering drains.
If the product comes in contact with water and leaks or drains into
receptacles, clean them.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance / liquid
Colour / various
Odour / ester-like
Odour threshold / No data available
Flash point / ca. 15 °C
Autoignition temperature / No data available
20 °C evaporation rate (g/D) / No data available
80 °C evaporation rate (g/D) / No data available
Flammability () / No data available

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Content	/	No data available
OH	/	No data available
Boiling point range (Freezing point)	/	No data available
*Boiling point (boiling range)	/	No data available
Flash point	/	0.1% 4 ' a
Density (20 °C)	/	ca. 1.1, g/cm ³
Specific gravity (20 °C)	/	in solution
Partition coefficient (n-octanol/water)	/	No data available
Water solubility (g/l)	/	No data available
Water solubility (mg/l)	/	H 7 . . . ! \$ at +0 °C
Relative density (20 °C)	/	No data available
Evaporation rate	/	No data available

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction in 5 min under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reaction / Stable under recommended storage conditions.

Flash point (for evaporation) > 50 °C above 5 m air.

10.4 Conditions to avoid

Conditions to avoid / Heat, flame and sparks.

10.5 Incompatible materials

Materials to avoid / No data available

10.6 Hazardous decomposition products

Hazardous decomposition /

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Product

No data available in this section.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified according to the criteria.

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/eye irritation

Not classified according to the criteria.

Respiratory or skin sensitisation

Skin sensitisation/ = a (causes an allergic skin reaction).
Respirator (Sensitisation/ Not classified according to the criteria.

Germ cell mutagenicity

Not classified according to the criteria.

Carcinogenicity

Not classified according to the criteria.

Reproductive toxicity

Not classified according to the criteria.

STOT - single exposure

Not classified according to the criteria.

STOT - repeated exposure

Not classified according to the criteria.

Aspiration toxicity

Not classified according to the criteria.

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

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12.5 Results of PBT and vPvB assessment

Product:

As supplied / The substance does not contain components considered to be either persistent bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / The generation of waste should be avoided or minimized. Use appropriate containers or liners to retain the product residue. The material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable product via a licensed waste disposal contractor. Dispose of the product solution and any (contaminated) product waste at all times. Do not mix with other materials. Environmental protection and waste disposal legislation and any regional local authority requirements apply. Avoid disposal of spilled material and runoff and contact with soil/water (do not drain and seep).

Contaminated packaging / 1- 01 10M packaging containing residue of or contaminated (dangerous substance)

SECTION 14: Transport information

ADR

- 14.1 UN number / 1111
- 14.2 Description of the goods / 'ABNT RE2ATED =ATERBA2
- 14.3 Class / 9
- 14.4 Packing group / III
- Classification Code / F1
- 2.2.1 / 9
- Tunnel restriction code / (D E)
- 14.5 Environmentally hazardous / no

ADR

Exempted according to 1.1.1.1. - (in case of substance exemption)

IATA

Country * 10000011+, -

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14.1 UN number / 1100
14.2 Description of the goods / Paint related material
14.3 Class / 3
14.4 Packing group / III
2a) / 3
14.5 Environmentally hazardous / no

IMDG

14.1 UN number / 1100
14.2 Description of the goods / PAINT RELATED MATERIAL
14.3 Class / 3
14.4 Packing group / III
2a) / 3
E.S.N. 1 / F;E
E.S.N. / S;E
14.5 Marine pollutant / no

IMDG

Transport in accordance with 5.1.1. of the IMDG Code

14.6 Special precautions for user

No data available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

Prohibition/Restriction

REACH ; Restriction on the manufacture, placing on the market and use of certain dangerous substances and articles (Annex K&B) / Not applicable

REACH ; Candidate list of Substances of Concern for Authorisation (Article 9). / None of the components are listed (IHD.1 D).

REACH ; list of Substances Subject to Authorisation (Annex K&B) / Not applicable

REACH ban on / All substances contained in our products are ; registered or registered (our website) and or ; registered or registered (US) and or ; excluded from the regulation and or ; exempt from the registration.

See also REACH Directive 2008/101/EC, E8 of the European Parliament and of the Council on the control of accidents involving dangerous substances.

1 - c F2A = A * 2E 2878BDS 7 quant (1 -0.000 t 7 quant (1 -0.000 t

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&CC;CH (&CC&) / no &CC duties

&CC;E8 (Solvent) / 1% D

Not a regulator (infor. ation available at it is not already provided elsewhere in the Safety Data Sheet. It is described in this section.

Health, Safety and Environment / The Chemical (Hazard Information and Labeling for Substances) Regulation (EC) No. 1272/2008
Environmental regulation legislation / Control of Substances Hazardous to Health Regulation (EC) No. 1272/2008
Specific for the substance or mixture / The Management of Health and Safety at Work Regulations 1999
Health and Safety at Work Act 1974
Environment Protection Act 1990 on Substances (Regulation)

15.2 Chemical safety assessment

This product contains substances for which Chemical Safety Assessment (ASSESS) tests are still required.

SECTION 16: Other information

Full text of H-Statements

H11 - High (flam.) liquid and vapour.
H12 - Causes skin irritation.
H17 - May cause an allergic skin reaction.
H22 - May cause respiratory irritation.

Full text of other abbreviations

Flam. liq. / Flam. liquid
Skin Irrit. / Skin irritation
Skin Sens. / Skin sensitization
STCT SE / Specific target organ toxicity (single exposure)
ADR / Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS / Chemical Abstracts Service
DNE2 / Derived no-effect level
EC-0 / Half maximal effective concentration
) HS /) Lethal (Hazardous) Substance
BATA / International Air Transport Association
B=D) / International Maritime Code for Dangerous Goods
2D-0 / Median lethal dose (the amount of a material given all at once which causes the death of 50% of a group of test animals)
2C-0 / Median lethal concentration (concentration of the chemical in air that kills 50% of the test animals during the observation period)
=AR ' C2 / International Convention for the Prevention of Pollution from Ships (MARPOL) 1973 as modified (the Protocol of 1978),
CE2 / Occupational Exposure Limit

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*)	*)
NEC	*)
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) and establishing a European Chemical Agency
S&HC	Substance of High Concern
*)	*)

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Current general Sales Conditions apply. Please consult the product data sheet prior to any use and processing.



Changes as compared to previous version