

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006
Sikadur®-12 Pronto Part A



Revision Date 04.03.2014

Print Date 04.03.2014

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

1.1 Product identifier

Trade name : Sikadur®-12 Pronto Part A

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

At present there is no complete information available on identified uses. When the data becomes available, it will be integrated into the safety data sheet.

Product use : Special system.

1.3 Details of the supplier of the safety data sheet

Company : Sika Deutschland GmbH
Kornwestheimer Str. 103-107
70439 Stuttgart
Telephone : +4971180090
E-mail address : EHS@de.sika.com

1.4 Emergency telephone number

Emergency telephone number : 0173-6774799 Out of office hours only
EHS@de.sika.com

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Type of product : Mixture

Classification (67/548/EEC, 1999/45/EC)

Highly flammable	R11: Highly flammable.
Harmful	R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
Sensitising	R43: May cause sensitisation by skin contact.
Irritant	R37/38: Irritating to respiratory system and skin. R33: Danger of cumulative effects.

2.2 Label elements



Labelling according to EC Directives: 1999/45/EC

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Hazard symbols	:	 Highly flammable	 Harmful
R-phrases	:	R11 R20/21/22 R33 R37/38 R43	Highly flammable. Harmful by inhalation, in contact with skin and if swallowed. Danger of cumulative effects. Irritating to respiratory system and skin. May cause sensitisation by skin contact.
S-phrases	:	S36/37	Wear suitable protective clothing and gloves.

Hazardous components which must be listed on the label:

- 201-297-1 methyl methacrylate
- 202-805-4 N,N-dimethyl-p-toluidine

2.3 Other hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
 This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Chemical Name CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
methyl methacrylate 80-62-6 201-297-1	F; R11 Xi; R37/38 R43	Flam. Liq.2; H225 STOT SE3; H335 Skin Irrit.2; H315 Skin Sens.1; H317	>= 50 - <= 100
hydrocarbons, C12-C15, n-alcane, iso-alcane, <2% aromatic 64742-47-8 920-107-4 265-149-8 01-2119453414-43-XXXX	Xn; R65 R66	Asp. Tox.1; H304	< 10
N,N-dimethyl-p-toluidine 99-97-8 202-805-4	T; R23/24/25 R33 R52/53	Acute Tox.3; H301 Acute Tox.2; H330 Acute Tox.3; H311 STOT RE2; H373	>= 1 - < 3



		Aquatic Chronic3; H412	
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For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water as a precaution.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.
- If swallowed : Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Obtain medical attention.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : Gastrointestinal discomfort
Respiratory disorder
Allergic reactions
Erythema
Headache
Nausea
Skin disorders
See Section 11 for more detailed information on health effects and symptoms.
- Risks : Health injuries may be delayed.
Dangerous amounts can be absorbed through the skin.
irritant effects
sensitising effects

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 : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters

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

Further information : Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Deny access to unprotected persons.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

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 13).



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 : Avoid exceeding the given occupational exposure limits (see section 8). Avoid contact with skin and eyes. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Provide sufficient air exchange and/or exhaust in work rooms. Container may be opened only under exhaust ventilation hood. Follow standard hygiene measures when handling chemical products
- Advice on protection against fire and explosion : Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards. Store in accordance with local regulations.
- Other data : No decomposition if 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

Components	CAS-No.	Value	Control parameters *	Basis *
methyl methacrylate	80-62-6	AGW	50 ppm 210 mg/m3	DE TRGS 900
		TWA	50 ppm	2009/161/EU
		STEL	100 ppm	2009/161/EU

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hydrocarbons, C12-C15, n-alcane, isoal- cane, <2% aromatic	64742-47-8	AGW	600 mg/m3	DE TRGS 900
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*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

8.2 Exposure controls

Personal protective equipment

- Eye protection : Safety glasses with side-shields
Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Suitable for short time use or protection against splashes:
Butyl rubber/nitrile rubber gloves (0,4 mm),
Contaminated gloves should be removed.
Suitable for permanent exposure:
Viton gloves (0.4 mm),
breakthrough time >30 min.
- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
organic vapor filter (Type A)
A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

Environmental exposure controls

- General advice : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance : liquid
Colour : yellow

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Odour	:	characteristic
Odour Threshold	:	no data available
Flash point	:	12,5 °C
Ignition temperature	:	no data available
Lower explosion limit (Vol%)	:	no data available
Upper explosion limit (Vol%)	:	no data available
Flammability (solid, gas)	:	no data available
Oxidizing properties	:	no data available
Auto-ignition temperature	:	no data available
pH	:	7
Melting point/range / Freezing point	:	no data available
Boiling point/boiling range	:	no data available
Vapour pressure	:	no data available
Density	:	0,94 g/cm ³ at 20 °C
Water solubility	:	Note: insoluble
Partition coefficient: n-octanol/water	:	no data available
Viscosity, dynamic	:	no data available
Viscosity, kinematic	:	> 7 mm ² /s at 40 °C
Relative vapour density	:	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 known under conditions of normal use.

10.2 Chemical stability



The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions., No decomposition if used as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : no data available

10.6 Hazardous decomposition products

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

N,N-dimethyl-p-toluidine :

Acute oral toxicity : Acute toxicity estimate : 100 mg/kg
Method: Converted acute toxicity point estimate

Acute dermal toxicity : Acute toxicity estimate : 300 mg/kg
Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Product

no data available

Serious eye damage/eye irritation

Product

no data available

Respiratory or skin sensitisation

Product

May cause sensitisation by skin contact.

Germ cell mutagenicity

Product

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Mutagenicity : no data available

Carcinogenicity

Product

Carcinogenicity : no data available

Reproductive Toxicity/Fertility

Reproductive toxicity : no data available

no data available

Reproductive Toxicity/Development/Teratogenicity

Teratogenicity : no data available

no data available

STOT - single exposure

no data available

STOT - repeated exposure

no data available

Aspiration toxicity

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 Other adverse effects

no data available



SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore, it is not possible to assign a particular waste identification number.
Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor. Sika has agreed disposal contracts for all packaging which is brought into circulation in Germany.
For further details see www.sika.de

SECTION 14: Transport information

ADR

14.1 UN number : 1247
14.2 Description of the goods : METHYL METHACRYLATE MONOMER, STABILIZED
14.3 Class : 3
14.4 Packing group : II
Classification Code : F1
Labels : 3
Tunnel restriction code : (D/E)
14.5 Environmentally hazardous : no

IATA

14.1 UN number : 1247
14.2 Description of the goods : Methyl methacrylate monomer, stabilized
14.3 Class : 3
14.4 Packing group : II
Labels : 3
14.5 Environmentally hazardous : no

IMDG

14.1 UN number : 1247
14.2 Description of the goods : METHYL METHACRYLATE, MONOMER, STABILIZED
14.3 Class : 3
14.4 Packing group : II
Labels : 3
EmS Number 1 : F-E
EmS Number 2 : S-D
14.5 Marine pollutant : no

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 - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Neither banned nor restricted

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV) : Neither banned nor restricted

REACH Information: All substances contained in our Products are
- preregistered or registered by our upstream suppliers, and/or
- preregistered or registered by us, and/or
- excluded from the regulation, and/or
- exempted from the registration.

Water contaminating class (Germany) : WGK 1 slightly water endangering
Gemäß VwVws vom 30.Juli 2005

VOC-CH (VOCV) : no VOC duties

VOC-EU (solvent) : not applicable

GISCODE : RMA 20

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Full text of R-Phrases

R11	Highly flammable.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
R37/38	Irritating to respiratory system and skin.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in

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	the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

Full text of H-Statements

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox.	Acute toxicity
Aquatic Chronic	Chronic aquatic toxicity
Asp. Tox.	Aspiration hazard
Flam. Liq.	Flammable liquids
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure

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

|| Changes as compared to previous version !