

SAFETY DATA SHEET

Sika® Roofseal Cooler



Section 1. Identification

GHS product identifier : Sika® Roofseal Cooler
Other means of identification : Not available.
Product type : Liquid

Relevant identified uses of the substance or mixture and uses advised against
Not applicable.

Supplier/Manufacturer Sika (Thailand) Limited
700/37 Moo 5 Bangpakong
Industrial Park II Km.57 Bangna-Trad Rd.
Tambol KlongTamhru
Maung District, Cholburi 2000,
Thailand
Telephone no. +66 3821 4270-85
Fax no. +66 3821 4286
Emergency telephone number (with hours of operation) +66 3821 4270-85
e-mail address of person responsible for this SDS Sikathai@th.sika.com

Section 2. Hazards identification

Classification of the substance or mixture : Not classified.

GHS label elements

Signal word : No signal word.
Hazard statements : No known significant effects or critical hazards.

Other hazards which do not result in classification : Prolonged contact may cause irritation of the skin and mucous membranes.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

CAS number/other identifiers

CAS number : Not applicable
EC number : Not applicable
Product code : Not applicable

Version : 1

Date of issue : 12.02.2013

Section 3. Composition/information on ingredients

Ingredients name	%	CAS number
Acrylic Polymer	25 - 30	Not Hazard
Inorganic Powder	45 - 50	Not Hazard
Additive	3 - 5	N/A
Water	25 – 30	Not Hazard

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

- Eye contact** : In extreme case: irritation.
Immediately flush eyes with plenty of water for at least 10 minutes. Obtain medical attention if symptoms persist.
- Inhalation** : Remove affected person to fresh air. If symptoms persist obtain medical attention.
- Skin contact** : In extreme case: irritation.
Wash skin with water and soap.
- Ingestion** : Nausea.
Give plenty of water to drink. Clear mouth, nose and throat. Seek medical assistance.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Eye contact** : No specific data.
- Inhalation** : No specific data.
- Skin contact** : No specific data.
- Ingestion** : No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific data.

Section 4. First aid measures

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing Media** : Water, alcohol-resistant foam, powder, CO2 sand... all extinguishing media are suitable. Protection clothing and self-contained breathing equipment should be available for fireman.

- Unsuitable extinguishing media** : None known.

Specific hazards arising from the chemical

- : Product is water based and the wet form it is a low fire hazard. The dried product is combustible. Decomposition products could be toxic material becomes uninhibited.

Hazardous thermal decomposition products

- : No specific data.

Special protective actions for fire-fighters

- : Wear self-contained breathing apparatus and protective clothing. Fight fire from a protected location. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire-fighters

- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Section 6. Accidental release measures

- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Absorb on sand, earth....
- Large spill** : Contain & Pump into containers.

Section 7. Handling and storage

- Precautions for safe handling** : Good industrial and personal hygiene should be followed. No eating and drinking in the workplace. Ensure adequate ventilations.
- Conditions for safe storage, including any incompatibilities** : Temp. : Between +5 and +40 °C

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None

No danger in normal ambient conditions. Users should determine the conditions for safe use of the product. Avoid repeated skin contact.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
- Appropriate engineering controls** : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Section 8. Exposure controls/personal protection

Environmental exposure controls	:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
<u>Individual protection measures</u>		
Hygiene measures	:	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.
Eye/face protection	:	Goggles or safety glasses.
Skin protection		
Hand protection	:	Waterproof glove.
Body protection	:	N/A.
Other skin protection	:	N/A.
Respiratory protection	:	N/A.
Recommended decontamination facilities	:	Eye bath, safety shower, washing facilities.

Section 9. Physical and chemical properties

<u>Appearance</u>		
Physical state	:	Viscous Liquid
Odor	:	Distinctive
Odor threshold	:	Not available.
pH	:	8-9
Melting point	:	Not available.
Boiling point	:	Approx. as water.
Flash point	:	> 100 °C
Burning time	:	Not applicable.
Burning rate	:	Not applicable.
Evaporation rate	:	Not applicable.
Flammability (solid, gas)	:	Not applicable.
Lower and upper explosive (flammable limits)	:	Not applicable. Not applicable.
Vapor pressure	:	Approx. as water.
Vapor density	:	Not available.
Density	:	Approx. 1.3 [25 °C]
Relative density	:	Not available.
Solubility	:	Miscible in water.

Section 9. Physical and chemical properties

Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not applicable.
Viscosity	:	Not applicable.

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Condition to avoid	:	No specific data.
Incompatible materials	:	Avoid strong acid and material which react with water.
Hazardous decomposition product	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Section 11. Toxicological information

Aspiration hazard

Not available.

Information on likely routes of exposure : Not available.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation : No specific data.
Ingestion : No specific data.
Skin contact : No specific data.
Eye contact : No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not available.
Potential delayed effects : Not available.

Potential chronic health effects

Prolonged contact may cause irritation of the skin and mucous membrane.

General : Not available.
Carcinogenicity : Not available.
Mutagenicity : Not available.
Teratogenicity : Not available.
Developmental effects : Not available.
Fertility effects : Not available.

Numerical measure of toxicity

Acute toxicity estimates

Not available.

Section 12. Ecological information

Toxicity

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

Mobility in soil

Soil/water partition coefficient (Koc) : Not available.

Other adverse effects

: The product is miscible with water and as such could cover considerable distances if spilled into waterways. Even a small spillage whiten the appearance of water.
There is only a slow environmental breakdown of the product, but seemingly on tendency for bioaccumulation.
Water for sewage treatment, that has been contaminated with small quantity of the products, will not affect the biomass.
Absorption of the polymer particles onto the sludge with occur with subsequent elimination from the waste stream.

Section 13. Disposal considerations

Disposal methods

: DO not discharge untreated waste latex directly into sewers or waterways. The product contain can be coagulated and disposed of in a landfill site or by incineration. Effluent containing latex can be obtained form jour Environment Department.

Section 14. Transport information

	UN	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.
UN proper Shipping name			
Transport hazard class(es)	-	-	-
Packing group	-	-	-
Environmental hazards	No	No	No
Additional information	-	-	-

Section 15. Regulatory information

Hazardous Substance Act B.E. 2535 (1992)

<u>Ingredient name</u>	<u>Type</u>	<u>Authority</u>	<u>Conditions</u>
Not listed	-	-	-

EU Regulation (EC) No. 1907/2006 (REACH)

The product has no EC-number and it is not listed in EINECS

Section 16. Other information**History**

Date of printing	:	12.02.2013.
Date of issue/Date of revision	:	12.02.2013.
Date of previous issue	:	
Version	:	1
Key to abbreviations	:	ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail UN = United Nations LogPow = logarithm of the octanol/water partition coefficient
Reference	:	Not available.

Indicate information that has changed from previously issued version.

Notice to reader

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 use and processing.