

SAKRETE Self Leveling Sealant

SECTION 1. IDENTIFICATION

Product Identifier	SAKRETE Self Leveling Sealant
Other Means of Identification	SAKRETE Self Leveling Sealant
Product Family	KING Home Improvement Products
Recommended Use	SAKRETE Self Leveling Sealant is a polyurethane product that repairs cracks or fills joints in horizontal concrete surfaces. This product is a one component sealant that forms a flexible joint with excellent adhesion.
Manufacturer/Supplier Identifier	Sakrete Of North America, 8201 Arrowridge Blvd. , Charlotte, NC, 28273, 1-866-725-7383
Emergency Phone No.	King Packaged Materials Company, (800) 461-0566, 8:30am-4:30pm Chemtrec, (800) 424-9300, 24 hours/7 days a week
SDS No.	0102

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin irritation - Category 2; Eye irritation - Category 2A; Respiratory sensitization - Category 1; Skin sensitization - Category 1; Reproductive toxicity - Category 1B

Label Elements



Signal Word:

Danger

Hazard Statement(s):

Causes skin irritation.

Causes serious eye irritation.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

Precautionary Statement(s):

Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapours/spray.

In case of inadequate ventilation wear respiratory protection.

Wear protective gloves.

Wear eye protection/face protection.

Do not eat, drink or smoke when using this product.

Wash hands thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Response:

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IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
 If exposed: Call a POISON CENTRE or doctor.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 IF ON SKIN: Wash with plenty of water/
 If skin irritation or rash occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Get medical advice/attention if you feel unwell.

Storage:

Store locked up.

Disposal:

Dispose of contents and container in accordance with local, regional, national and international regulations.
 5% of the mixture consists of ingredients of unknown acute oral toxicity.
 5% of the mixture consists of ingredients of unknown acute dermal toxicity.
 37% of the mixture consists of ingredients of unknown acute inhalation toxicity.

Other Hazards

Hazard Not Otherwise Classified (HNOC): Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Plasticizers	Trade Secret	15-40%	
Urethane Polymer Based on MDI	Trade Secret	10-30%	
Polyvinyl chloride	9002-86-2	10-30%	
Calcium carbonate	471-34-1	7-13%	
Distillates (petroleum), Light	64742-47-8	1-5%	
Hydrotreated light paraffinic distillate	64742-55-8	1-5%	
Calcium oxide	1305-78-8	1-5%	
Titanium dioxide	13463-67-7	1-5%	
4,4'-Methylenediphenyl diisocyanate	101-68-8	<0.2%	

Notes

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell.

Skin Contact

Immediately wash with water and soap and rinse thoroughly. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. If skin irritation or a rash occurs, get medical advice or attention.

Eye Contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Call physician immediately.

Ingestion

Rinse mouth with water. Get medical advice or attention if you feel unwell.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Use extinguishing media appropriate for surrounding fire.

Specific Hazards Arising from the Product

None known.

Very toxic carbon monoxide, carbon dioxide; extremely hazardous hydrogen cyanide; corrosive, oxidizing nitrogen oxides. Irritant vapours and gases.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Increase ventilation to area or move leaking container to a well-ventilated and secure area. Use the personal protective equipment recommended in Section 8 of this safety data sheet. Warning! A motor could be an ignition source and could cause flammable gases or vapours in the spill area to burn or explode.

Environmental Precautions

Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

Pour isocyanate decontaminant solution (90% water, 8% concentrated ammonia, 2% detergent) on spill and allow to react for 10 minutes. Or pour water on spill and allow to react for more than 30 minutes. Collect as much of the spilled material as possible. Cover with absorbent material. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Place in a container approved for transportation by appropriate authorities, but do not seal the container for 48 hours to avoid pressure build-up. Clean up residue. Dispose of collected material as soon as possible.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Do not get in eyes, on skin or on clothing. Avoid contact with skin and eyes. Only use where there is adequate ventilation. Do not handle until all safety precautions have been read and understood. Do not breathe in this product. Do not breath mists. When using do not eat, drink or smoke. Wash hands thoroughly after handling this material. Thoroughly clean clothing, shoes and leather goods before reuse or dispose of safely. Do not take contaminated clothing home. Wear personal protective equipment to avoid direct contact with this chemical.

Conditions for Safe Storage

Keep in a tightly closed container. Prevent contamination with water and air. If contamination is suspected, do not reseal container. Keep cool. Store away from amines.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Polyvinyl chloride	1 mg/m3					
Calcium oxide	2 mg/m3			5 mg/m3		
Titanium dioxide	10 mg/m3 A4		15 mg/m3			
4,4'-Methylenediphenyl diisocyanate	0.005 ppm Skin			0.02 ppm C		

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Calcium carbonate			5 mg/m3 (R)			
Distillates (petroleum), Light	200 ppm					

Appropriate Engineering Controls

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapours/spray. If ventilation is not adequate, use respiratory protection equipment.

Individual Protection Measures

Eye/Face Protection

Wear chemical safety goggles and face shield when contact is possible.

Skin Protection

Personal protective equipment for the body should be selected based on the task being performed. This includes gloves, coveralls and footwear. Rubber apron and boots are suggested. Approved gloves should be worn based on risk assessments.

Respiratory Protection

Use of an approved respirator, based on a risk assessment is necessary. Respiratory protection should be selected based on the known or anticipated levels of exposure, and the work being performed. If a respirator is needed, use respirators as part of a full respiratory protection program. Half facepiece or full facepiece air purifying respirator suitable for organic vapours and particulates is recommended to reduce inhalation exposure.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Grey paste.
Odour Threshold	Not available
pH	Not applicable
Melting Point/Freezing Point	Not available (melting)
Initial Boiling Point/Range	> 190 °C
Flash Point	> 94 °C
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	7% (upper); 0.6% (lower)
Relative Density (water = 1)	1.15
Auto-ignition Temperature	> 200 °C
Other Information	
Physical State	Liquid

SECTION 10. STABILITY AND REACTIVITY

Reactivity

May be reactive with certain agents under certain conditions - see the remaining headings in this section.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Heat.

Incompatible Materials

Alcohols (e.g. ethanol), amines (e.g. triethylamine), water.

Hazardous Decomposition Products

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Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Urethane Polymer Based on MDI		> 5000 mg/kg (rat)	
Polyvinyl chloride		> 5000 mg/kg	> 5000 mg/kg
Calcium oxide		500 mg/kg (rat)	
Titanium dioxide	> 6.82 mg/L (rat)	> 10000 mg/kg (rat)	> 10000 mg/kg (rabbit)
4,4'-Methylenediphenyl diisocyanate	0.369 mg/L (rat)	31600 mg/kg (rat)	> 5000 mg/kg (rabbit)
Calcium carbonate		6450 mg/kg (rat)	

Overall product - Acute Toxicity Estimate : LC50 > 50 mg/L

Overall product - Acute Toxicity Estimate : LD50 (oral) > 5000 mg/kg

Overall product - Acute Toxicity Estimate : LD50 (dermal) > 5000 mg/kg

Skin Corrosion/Irritation

Irritating to skin. Signs/symptoms may include localized redness, swelling, itching, dryness, cracking, blistering, and pain. Corrosive to skin. The product has not been tested. The statement has been derived from the properties of the individual components.

Serious Eye Damage/Irritation

Irritating to eyes. Contact may be corrosive to eyes and cause conjunctival edema and corneal destruction. Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of the cornea, and impaired vision.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Irritation to the respiratory tract. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Ingestion

May cause stomach distress, nausea or vomiting.

Respiratory and/or Skin Sensitization

For the skin, signs/symptoms may include redness, swelling, blistering, and itching. Signs/symptoms may include difficulty breathing, wheezing, cough, and tightness of chest.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Titanium dioxide	Group 2B	A4		
4,4'-Methylenediphenyl diisocyanate	Group 3			

Reproductive Toxicity

Sexual Function and Fertility

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

Germ Cell Mutagenicity

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Conclusions cannot be drawn from the limited studies available.

Other Information

Persons previously sensitized to isocyanates may develop a cross-sensitization reaction to other isocyanates.

SECTION 12. ECOLOGICAL INFORMATION

Please contact the manufacturer for additional information.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents and container in accordance with local, regional, national and international regulations. Dispose of completely cured (or polymerized) material in a permitted industrial waste facility. As a disposal alternative, incinerate uncured product in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

SECTION 14. TRANSPORT INFORMATION

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

Contact the manufacturer for mor information.

SECTION 16. OTHER INFORMATION

SDS Prepared By King Packaged Materials

Phone No. 905-639-2993

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Additional Information This Safety Data Sheet has been prepared in accordance with the original Sakrete Safety Data Sheet.

Disclaimer To the best of our knowledge, the information contained herein is accurate. However, neither KPM Industries Ltd., nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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