

MATERIAL SAFETY DATA SHEET

Safety Datasheet

THERMOCOLL **BLACK**

1. IDENTIFICATION OF PREPARATION AND COMPANY/BUSINESS

Company/Business:

KERAMAB N.V.
Haverheidelaan 4
B-9140 TEMSE
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Fax +31 (0)167 566 263

INSULCON GMBH
Tel. +49 (0)2162 249 600
Fax +49 (0)2162 249 6029

Normal use:
Refractory sealant

2. INFORMATION REGARDING CONSTITUENTS

Hazardous substances present on their own

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)

This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

147 SILICATE 58/60 Concentration $\geq 10,00\%$ and $< 25,00\%$ Symbol: XI R; 36/38

Substances present at a concentration below the minimum danger threshold.

011-002-00-6 sodium HYDROXIDE Concentration $\geq 0,00\%$ and $< 2,50\%$ Symbol: C R; 35

Other substances with occupational exposure limits.

14808-60-7 SILICES CRISTALLINES: QUARTZ

3. IDENTIFICATION OF HAZARDS

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site. Possibility of irritation to the eyes and skin.

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4. FIRST AID

As a general rule, in case of doubt or if symptoms persist, always call a doctor. NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation

In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes.

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still. If breathing is irregular or has stopped, effect mouth-to-mouth resuscitation and call a doctor. Do not give the patient anything orally.

In the event of splashes or contact with eyes.

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open. Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin

DO NOT use solvents or thinners.

In the event of swallowing

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Call a doctor immediately and show him the label.

5. FIRE FIGHTING MEASURES

Not relevant.

6. MEASURES TO BE TAKEN IN THE EVENT OF ACCIDENTAL SPILLAGE

Safety precaution:

Avoid any contact with the skin and eyes.

Consult the safety measure listed under headings 7 and 8.

Environmental safety precautions:

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures.

Cleaning methods:

Clean preferably with a detergent, do not use solvents.



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7. HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations.

Avoid contact of product with the skin and eyes.

Prohibited equipment and procedures.

Smoking, eating and drinking are prohibited in premises where the preparation is used.

Never open the packages under pressure.

Storage.

Keep the container tightly closed in a dry place.

8. EXPOSURE CONTROL - PERSONAL SAFETY

Technical measures.

In the event of dust formed by mechanical action (sanding, sawing, etc.), this dust may cause irritation by inhalation and contact with eyes. Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction. If the ventilation is insufficient to maintain the concentration of particles and dust below the exposure limits, wear breathing apparatus. Avoid inhaling dust.

Exposure limits per INRS ND 1945-153-93/(1996) and ND 2022-163-96;

Germany	Class:	MAK-ppm:	MAK-mg/m3	Notes:	Notes
14808-60-7	-	-	0,15a	Cf. §A2.6	
011-002-00-6	1	-	2i	-	
AGGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes Notes
14808-60-7	-	0,1a	-	-	
011-002-00-6	-	2	-	-	P

Exposure limits per 2000/39/EC and 98/24/EC:

VME-ppm:	VME-mg/m3	VLE-ppm:	VLE-mg/m3	Notes:
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Hand protection

Protective creams may be used for exposed skin, but they should not be applied after contact with the product. In the event of prolonged or repeated contact with the hands, use appropriate gloves.



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Eye and face protection.

Avoid contact with eyes.

Wear safety goggles.

Provide eye washes in workshops where the product is constantly handled

Skin protection

For further information see § 11 of S.D.S. – Toxicological information.

9. PHYSICAL PROPERTIES

Density	:	> 1
Acid/base character of preparation	:	strongly basic
Solubility of preparation in water	:	Dilutable
Vapour tension at 50 °C of volatile constituents	:	Below 110 Kpa. (1.10 bar).
Physical state	:	paste
Flash point interval	:	not relevant.
		Incombustible
When a pH measure is possible, it has a value of	:	12.00
Self-ignition temperature	:	not relevant
Decomposition temperature	:	not relevant
Melting temperature interval	:	1500 °C
Average distillation temperature of solvents contained	:	not relevant

10. STABILITY AND REACTIVITY

The preparation is stable at the handling and storage conditions recommended per § 7 of the safety data sheet.

11. TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

It is generally agreed that substances contained are likely to cause the appearance of major lesions, which persist for at least twenty-four hours after application to the eye of an animal and are likely to cause significant irritation which lasts for at least twenty four hours after application to the healthy, unbroken skin of an animal for a period of up to 4 hours.

In the event of dust formed by mechanical action (sanding, sawing, etc.) this dust may cause irritation by inhalation and contact with eyes.

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12. ECOLOGICAL INFORMATION

No ecological data on the product itself is available.
The product must not be allowed to run into drains or waterways.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.
Codes of wastes (Directive 75/442/EEC, Directive 91/689/EEC on hazardous waste)
08 04 10 Waste adhesives and sealant other than those mentioned in 08 04 09

14. TRANSPORT INFORMATION

Exempt from transport classification and labelling.

15. STATUTORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 88/379/EEC and its adaptations. In addition directive 2000-32/EC with the 26° adaptation of directive 67/548/EC (Hazardous substances) have been taken into account.

Preparation classification

Irritant

Particular hazard associated with the preparation and safety recommendations:

R 36/38

Irritating to eyes and skin.

S 26

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37

Wear suitable gloves.

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The product must not be used for any purpose other than those specified under heading 1 without first obtaining written handling instructions. It is all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information given on this safety data sheet must be regarded as a description of the safety requirement relating to our product and not a guarantee of its properties.

