

SAFETY DATA SHEET

ARBOSIL 1096

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ARBOSIL 1096

APPLICATION Perimeter sealing of windows, etc. Movement joints in construction.

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2 HAZARDS IDENTIFICATION

May cause sensitisation by skin contact.

CLASSIFICATION R43.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
METHYL-0,0',0"-BUTAN-2-ONE-TRIOXIMOSILANE	245-366-4	22984-54-9	1-5%	Xi;R36/38. R43.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Polydimethylsiloxane with fillers, auxiliaries. and oximosilane crosslinking agent.

4 FIRST-AID MEASURES

GENERAL INFORMATION

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION

Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Make sure to remove any contact lenses from the eyes before rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray, fog or mist. Foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

By fire, toxic gases may be formed (COx, NOx).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

ARBOSIL 1096**PERSONAL PRECAUTIONS**

Wear appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers. Clean any slippery coating that remains using a detergent / soap solution or other biodegradable cleaner.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Persons susceptible for allergic reactions should not handle this product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendations. Use of ABEK mask filter during prolonged exposure advised.

HAND PROTECTION

Use protective gloves made of: Butyl rubber. Nitrile. Gloves suitable for up to 60 minutes use.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Uncured -paste. Cured - rubber.		
COLOUR	Misc. colours		
ODOUR	Strong.		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.28 @ 20°C	FLASH POINT (°C)	Not applicable
AUTO IGNITION TEMPERATURE (°C)	430		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time. Avoid contact with: Oxidising materials. moisture

HAZARDOUS DECOMPOSITION PRODUCTS

Temperatures of ~ 150 C may generate: A small amount of formaldehyde.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 By analogy >2009 mg/kg (oral rat)

ARBOSIL 1096**TOXICOLOGICAL INFORMATION**

Butanone-2-oxime (MEKO) is damaging to nasal membranes in rats and mice at a concentration in excess of 10ppm over a prolonged period of time.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

May cause sensitisation by skin contact.

EYE CONTACT

May cause irritation to eyes.

HEALTH WARNINGS

Moisture curing process releases a small amount of butanone-2-oxime (MEKO) which can irritate skin and mucous membranes. Prolonged exposure to large quantities of MEKO may cause irreversible damage to health.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

The product is not expected to be hazardous to the environment. In cross-linked state not soluble in water. Easily separable from water by filtration.

LC 50, 96 Hrs, FISH mg/l Not determined

BIOACCUMULATION

This product is not expected to significantly bioaccumulate.

DEGRADABILITY

Not degradable.

ACUTE FISH TOXICITY

Toxicity to fish is improbable.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Confirm disposal procedures with environmental engineer and local regulations.

WASTE CLASS

Recommended EWC Code 08 04 10

Sensitisation has no associated hazard in the Hazardous Waste Directive and will not constitute a hazardous waste in isolation.

However, it is advised that waste product and containers are segregated and disposal procedures confirmed with a specialist disposal company / environmental engineer.

14 TRANSPORT INFORMATION**GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION**LABELLING**

Irritant

CONTAINS

METHYL-0,0',0"-BUTAN-2-ONE-TRIOXIMOSILANE

RISK PHRASES

R43 May cause sensitisation by skin contact.

SAFETY PHRASES

S24 Avoid contact with skin.

S37 Wear suitable gloves.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

ARBOSIL 1096

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION COMMENTS

Revised sections: 2, 3,

REVISION DATE 27/07/09

REV. NO./REPL. SDS GENERATED 19/04/07

SDS NO. 10171

RISK PHRASES IN FULL

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.