

KIM-TEC

SAFETY DATA SHEET

07/10/2003

1. PRODUCT IDENTIFICATION

1.1. PRODUCT NAME: **KAMIN UND OFENDICHT**
NAME, ADDRESS, PHONE NUMBER OF THE COMPANY

**KIM JAROLIM IM- UND EXPORT
KIRSCHENWEG 2
D-97232 SULZDORF
GERMANY
Tel. +49 (0) 9334 978-0
Fax +49 (0) 9334 978-111
info@kim-tec.de**

1.2 SUBSTANCES IDENTIFICATION:

CAS no. : N.A.

EC ind. no : N.A. NFPA cod. : N.D.

EINECS no. : N.A. Peso molecolare : N.A.

RTECS no. : N.A. Formula : N.A.

2. INGREDIENT COMPOSITION AND INFORMATION

CHEMICAL ORIGIN: fire cement and resins.

Hazard ingredients	CAS no.	CONC. in %	Hazard class	Risks (R-phrases)
None	-	-	-	-

3. DANGER IDENTIFICATION

The product is not dangerous.

4. FIRST AID MEASURES

EYE CONTACT: in case of contact, immediately flush eyes with plenty of water for at least 10 minutes. Seek medical attention if irritation persists.

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- SKIN CONTACT:** to clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water.
- INGESTION:** No induce the vomit. No administer water if the person is not coscient. Seek medical attention if indicated.
- INHALATION:** Move person to fresh air.

5. FIRE FIGHTING MEASURES

The product is not inflammable. In case of fire near to this material are allow all kind of fire fighting.

6. ACCIDENTAL RELEASE MEASURES

Wipe, scrape or soak up in an inert material and put in a container for disposal.
Wash walking surfaces with detergent and reduce slipping hazard.
Wear proper protective equipment as specified in the protective equipment section.

7. HANDLING AND STORAGE

HANDLING: observe the usual hygiene precautions. Avoid contact with skin and eyes.
STORAGE: keep the original contents in a fresh and ventilated shore.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: exhaust ventilation.

RESPIRATORY PROTECTION: none.

SKIN PROTECTION: clothe gloves.

EYE AND FACE PROTECTION: safety glasses.

EXPOSITION LIMITS:

TLV-TWA	: - mg/m ³	- ppm
TLV-STEL	: - mg/m ³	- ppm
TLV-Ceiling	: - mg/m ³	- ppm
OES-LTEL	: - mg/m ³	- ppm
OES-STEL	: - mg/m ³	- ppm
MEL-LTEL	: - mg/m ³	- ppm
MEL-STEL	: - mg/m ³	- ppm

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MAK	: - mg/m ³	- ppm
TRK	: - mg/m ³	- ppm
MAC-TGG 8h	: - mg/m ³	- ppm
MAC-TGG 15min	: - mg/m ³	- ppm
MAC-Ceiling	: - mg/m ³	- ppm
VME-8h	: - mg/m ³	- ppm
VLE-15min	: - mg/m ³	- ppm
GWBB-8h	: - mg/m ³	- ppm
GWK-15min	: - mg/m ³	- ppm
Valore momentaneo	: - mg/m ³	- ppm

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM at 20°: Paste

ODOR: None

COLOUR: Black

VALORE PH: N.D.

BOILING POINT: N.D. °C

FUSION POINT: N.D. °C

LIGHTING POINT: N.A. °C

AUTO-LIGHTING POINT: N.D. °C

EXPLOSION LIMITS: N.D. vol % (- °C)

EVAP. PRESSION (at 20°C): N.D. hPa

DENSITY: 1.0

SOLUBILITY IN WATER: INSOLUBLE

SOLUBILITY IN: ORGANIC SOLVENTS

VAPOUR DENSITY: N.D.

SATURATION POINT: N.D. g/m³

VISCOSITY: N.D. Pa.s

10. STABILITY AND REACTIVITY

STABILITY: N.D.

REACTIVITY: N.D.

CONDITION TO AVOID: N.D.

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11. TOXICOLOGICAL INFORMATION

ACUTE ORAL: LD50 (RAT): N.D. mg/kg
ACUTE DERMAL: LD50 (RAT): N.D. mg/kg
ACUTE INHALATION: LC50 (RAT): N.D. mg/l/4h
OBBLIGATORY MEDICAL CONTROL: NONE
EXPOSITION WAYS: INGESTION, EYES CONTACT, AND SKIN CONTACT.
CHROMATIC EFFECTS: NONE FOUND

12. ECOLOGICAL INFORMATION

NO STABILITY: (VOC): 0%
BIODEGRADABILITY: -EARTH: T ½: N.D. DAYS
BOD5: N.D. g O2/g substance
COD: N.D. g O2/g substance
- WATER: NONE FOUND
TOSSICITY IN WATER: NONE FOUND

13. DISPOSAL CONSIDERATIONS

Disposal code (EC): 08 04 03
No scatter in environment

14. TRANSPORT INFORMATION

ADR/RID: N.A.
IMDG: N.A.
ICAO: N.A.

15. REGULATORY INFORMATION

This product is not subject to the labelling requirements of EC Directives 67/548/EEC and 1999/45/EEC as amended.

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16. OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommend industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

EXPOSITION LIMITS:

TVL: THRESHOLD LIMIT VALUE-USA 1999

OES: OCCUPATIONAL EXPOSURE STANDARDS-U.K. 1999

MEL: MAXIMUM EXPOSURE LIMITS-U.K. 1999

MAK: MAXIMALE ARBEITSPLATZKONZENTRATIONEN-GERMANY 1999

TRK: TECHNISCHE RICHTKONZENTRATIONEN-GERMANY 1999

MAC: MAXIMALE AANVAARDE CONCENTRATIE-NETHERLANDS 2000

VME: VALEURS LIMITEES DE MOYENNE D'EXPOSITION-FRANCE 1999

VLE: VALEURS LIMITEES D'EXPOSITION A COURT TERME-FRANCE 1999

GWBB: GRENSWAARDE BEROEPSMATIGE BLOOTSTELLING-BELGIUM 1998

GWK: GRENSWAARDE KORZSTONDIGE BLOOTSTELLING-BELGIUM 1998