

# Material Safety Data Sheet

KLINGERSil C-4409

Date prepared: 4/8/1998

Date revised: 4/10/2001

## 1. Identification of the Substance/Preparation and the Company/Undertaking

Substance or preparation trade name: KLINGERSil C-4409  
Unique reference numbers(s):  
Company/undertaking name & address: Klinger Ltd. The Klinger Building, Wharfedale Road, Euroway Trading Estate, Bradford, BD4 6SG  
Telephone number: +44 (0)1274 688 222  
Fax number: +44 (0)1274 688 549

## 2. Composition

Substance:	Nitrile-butadiene rubber	China-Clay	Silicon dioxide	Aramid-fibre
% content:				
CAS Number:	9003-18-3	001332-58-7	112926-00-8	26125-61-1
Classification:				
EINECS:				

## 3. Hazards Identification

Most important hazards: In its form as supplied, has no known hazards  
Specific hazards:

## 4. First aid measures

General note: Dust arising from working the product should be regarded as nuisance particulate material. Prolonged exposure to dust concentrations can lead to lung and breathing disorders.  
Skin contact: Wash with soap  
Eye contact: Remove small solid particles and rinse with water for approx. 10 min.  
Ingestion: Not Hazardous - Drink plenty of fluid to assist passage through system.

## 5. Fire fighting measures

Suitable extinguishing media: Water, carbon dioxide, powder extinguishers, foam extinguishers.  
Unsuitable extinguishing media: Not known.  
Special hazards in fire: In the case of combustion, the same gases are produced as with burning rubber. The following can be produced in case of fire: Carbon monoxide, carbon dioxide, sulphur oxides and nitrous gases (NO<sub>x</sub>), irritating/caustic, combustible as well as poisonous carbonisation gases.  
Required special protective equipment for fire-fighters: When Firefighting, breathing apparatus and eye protection have to be worn against dust and fumes and burning rubber.  
Additional note: There is the danger of the rubber re-igniting. For this reason, additional cooling after extinguishing is necessary.

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## 6. Accidental release measures

Personal precautions: See point 4  
Environmental precautions: No dangers known  
Methods for cleaning: Use of approved vacuum cleaners with fine dust filters.  
Additional note: In the case of improper use and use which is not in compliance with stipulations, e.g. grinding, fine dust can result. The appropriate suction and filtering of the exhaust air should be ensured.

## 7. Handling and storage

Handling: No special precautions necessary.  
Material is flammable only through effects of intensive heat  
Storage: Dry storage rooms. Material should not be stored in the vicinity of the heating as it can become brittle and no longer usable in accordance with stipulations.

## 8. Exposure Controls

Engineering measures:  
Control Parameters:  
Personal protection equipment: Approved light masks, as required, if fine dust particles result after use these are not in compliance with stipulations (cf. 6)  
Eye protection:  
Hand protection: Gloves  
Hygiene measures:

## 9. Physical and chemical properties

Appearance: Form: Sheets  
Colour: Green both side  
Cut Edge: Green  
Odour: Can smell slightly of rubber  
pH:  
Boiling point: N/A  
Melting point: N/A  
Flashpoint:  
Explosive properties: N/A  
Vapour pressure: Not measurable  
Relative density: 1.7 - 2.3 g/m<sup>3</sup> (Dependant on thickness)  
Solubility: Insoluble  
Decomposition of elastomer at high temperatures.

## 10. Stability and reactivity

Conditions to avoid: Not known  
Materials to avoid: Not known  
Hazardous decomposition products: Decomposition of the rubber at high temperatures

## 11. Toxicological information

Not Applicable

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## 12. Ecological information

12.1 Information on elimination (Persistence and degradability)

Degree of elimination: Not known

Evaluation text: Biologically not degradable (self-classification)

### 12.2 Behaviour in Environmental Compartments

Components: Biologically not degradable. Mobility and (bio) accumulation potential:(self-classification)

Other notes:

## 13 Disposal Considerations

Recommendation: Dumping on industrial depositories, attention is to be paid to local statutory regulations

## 14. Transport information

No dangers known

## 15. Regulatory information

Regulations for dangerous materials not applicable.

## 16. Other Information

Recommendations/restrictions: