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# SAFETY DATA SHEET

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

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Product Name: SpEC Grout Check  
Company: Speciality Engineering Chemicals  
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Telephone: +9714-8836662 Facsimile: +9714-8837696  
E-mail: info@spec.ae Web site: www.spec.ws

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## B. Composition / Information on Ingredients

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Chemical Ingredients	CAS No.	SIN No.
Polyurethane Foam	9009-54-5	Not available
Acrylic Copolymer Resin	28262—63-7	Not available

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## C. Hazards Identification

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Main Hazards: No known hazards to man and the environment.  
Inhalation: None  
Eye: Presents no hazard, but can cause irritation.  
Skin: Adhesive component could cause skin irritation.  
Ingestion: Although material is inert, ingestion must be avoided.

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## D. First Aid Measures

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Inhalation: None  
Skin: Adhesive – wash affected areas with soap and water. If skin irritation persists, seek medical attention.  
Foam component – No adverse effects known.  
Eye: Adhesive – Do not rub eyes, flush with clean water or eye-wash solution. If irritation persists seek medical attention  
Foam component – flush with water and seek medical attention.  
Ingestion: Adhesive – immediately rinse mouth, drink plenty of water and seek medical advice.  
Foam component – seek medical attention

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## E. Fire Fighting Measures

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Extinguishing Media: Water, CO<sub>2</sub> foam and dry powder.  
Special Hazards: No known critical hazards.

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Human Protection in Large Fires: Fire fighters should use self-contained breathing apparatus.

Storage and Processing: Because of the risks associated with certain processing operations on block foam (e.g. hot wire cutting, crumbling, solvent lamination, etc) it is advisable to seek expert guidance on fire precautions that need to be in place.

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## **F. Accidental Release Measures**

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No special requirements.

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## **G. Handling and Storage**

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Handling / Storage Precautions: Do not store under humid conditions. Handle in accordance with good industrial hygiene and safety practice

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## **H. Exposure Controls / Personal Protection**

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Ventilation during some Operations: Local exhaust ventilation is necessary for some operations i.e. where dust is produced from buffing and flocking operations or where fumes are produced in flame laminating, heat forming and hot wire cutting.

Storage: Store away from heat sources (match, cigarette, open fire, electrical heater).

Eye Protection: Protective goggles should be worn for processes which generated dust.

Protective Clothing: Not required.

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## **I. Physical and Chemical Properties**

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Appearance: White foam strip with adhesive backing.

Colour: Off-white

Odour: None or mild

Solubility in H<sub>2</sub>O: Adhesive – soluble  
Foam component – Insoluble

Flash Point / Auto Flammability: > 300 °C

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## **J. Stability and Reactivity**

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No special conditions.

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## **K. Toxicological Information**

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Oral: There is no evidence that PU foam is toxic orally. LD50 (oral-rats) >5000 mg/kg

Inhalation: Chronic inhalation of polyurethane dust particles could cause lung infection, airway obstruction and fibrosis.

Microbiological Information: PU foam is sterile when manufactured.

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## **L. Ecological Information**

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Adhesive: The product can be virtually eliminated from water by abiotic processes, i.e.: Absorption onto activated sludge.

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Foam component – low degradability.

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### **M. Disposal Considerations**

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Disposal Methods: Must be disposed of by special means, e.g.: suitable incineration or licensed dumping site, in accordance with local regulations.

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### **N. Transport Information**

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None. Material is classified as non-hazardous.

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### **O. Regulatory Information**

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None

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### **P. Other Information**

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Input for external Material Data Systems or PU foam convertors: Flexible polyurethanes are polymers and defined in Data System, i.e. IMDS, as product as product not as chemical compound.

Substance like Hg, Cd, Pb and Cr are normally not present; they are not intentionally added to the formulation. The PU foam manufacturer should check and report individually “only” the components that are used in a formulation according to the VDA list of “declarable substances” (IMDS system).