

MATERIAL SAFETY DATA SHEET

1. Product And Company Identification

Product Identifier: RAW Drainblocker
General Use: RAW Drainblocker are designed to confine, divert or seal an area without absorbing the liquids. Most Blockers are reusable. (See Chemical Guide for compatibility)
Product Description: Products are green/black in color. They are a flexible, slightly sticky material in various shapes and sizes.
Specific Product Identifiers: RAW Drainblockers
COMPANY PROFILE:
 RAW Handel und Beratungs GmbH
 Grünstrasse 5
 D-79232 March-Hugstetten
 Information Number
 +49(0)7665 93 42 9-0

2. Composition/Information on Ingredients

<u>Components</u>	<u>wt. %</u>	<u>CAS Registry #</u>
Polyurethane elastomer	100*	68400-67-9

* May contain up to 35% grit

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):
 EXPOSURE LIMITS 8 hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Polyurethane elastomer	N.E.	N.E.
N.E.	= Not Established	

3. Hazards Identification

POTENTIAL HEALTH EFFECTS:
Eye Contact: No hazard in normal use of product
Ingestion: No toxic effects are expected.
Inhalation: No hazard in normal use of product
Skin Contact: No hazard in normal use of product
Chronic: Not established

4. First Aid Measures

Eye Contact: Not applicable
Ingestion: Not applicable
Inhalation: Not applicable
Skin Contact: Not applicable

5. Fire Fighting Measures

Flash Point: Not established
Method: Not applicable
Auto-ignition Temperature: Not established
Flammable Limits: Not established
Conditions of Flammability: Not established
Explosive Properties: Not applicable
Extinguishing Media: Water, chemical foam, dry chemical or carbon dioxide.
Special Fire Fighting Procedures: Firefighters should use self contained breathing apparatus. Avoid breathing smoke, fumes, and decomposition products. Use water spray to drench smoldering elastomer. Product may melt after ignition to form flammable liquids.
Hazardous Combustion Products: Carbon monoxide, oxides of nitrogen and hydrogen cyanide.
Unusual Hazards: Burning produces intense heat, dense smoke, and toxic gases such as carbon monoxide, oxides of nitrogen and traces of hydrogen cyanide.

6. Accidental Release Measures

Spill or Leak Procedures: Pick up and handle as any other inert solid material.

7. Handling and Storage

Handling and Storage Precautions: The RAW Drainblocker should be stored flat in their original container, wrapped in their original plastic film or equivalent.
Storage Temperature: When not in use, should be stored in a sheltered compartment (i.e.: out of sunlight)
Storage Pressure: Not applicable
Shelf Life: Not applicable
General: After use, decontaminate RAW Drainblocker. During use or storage, Products have been found to occasionally connect themselves together. Store in original box or bag. Do not let product touch itself.

8. Exposure Controls/Personal Protection

Engineering Controls: None required
PERSONAL PROTECTION
Eyes: None required
Respirator: None required
Gloves: None required
Other: Do not cut RAW Drainblocker with hot wire or hot branding unless local exhaust is sufficient to maintain isocyanate fumes below the TLV for TDI (0.005 ppm TWA / 0.02 ppm STEL) or MDI (0.005 ppm TWA). In addition, an air purifying respirator with an organic cartridge is required.

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9. Physical and Chemical Properties

Appearance: Rubber-like substance in a dike or mat form.

Green/black in color

Physical State: Solid

Odor: Slight or no odor

Odor Threshold: Not applicable

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Specific Gravity: 1.05 - 1.26

Solubility in Water: Insoluble

Coefficient of Water/Oil Distribution: Not available

pH: Not applicable

Boiling Point: Not applicable

Evaporation Rate: Not applicable

Melting Point: 193° C (380° F). Will degrade above 138° C (280° F).

10. Stability and Reactivity

General: This is a stable material.

Conditions of Reactivity: Not established

Incompatible Materials: May be affected by strong acids and bases

Conditions to Avoid: Hot wire and hot branding, High Temperatures (may cause melting).

Hazardous Decomposition: Decomposition through burning produces fumes consisting of organic particulate, gaseous hydrocarbons, carbon dioxide, carbon monoxide, and may contain traces of Toluene Diisocyanate or Diphenylmethane Diisocyanate, Hydrogen cyanide, Acrolein and oxides of nitrogen.

Hazardous Polymerization: Will not occur

11. Toxicological Information

LD50: Not available

LC50: Not available

Carcinogenicity: IARC: Not established
National Toxicology Program: Not established
OSHA: Not established
California Prop 65: No listed ingredient

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic Products: Not available

Irritancy of Product: See Section 3.

Sensitization to Product: Not available

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If unused, not considered a hazardous material. Dispose of material according to federal, state, and local laws.

14. Transport Information

DOT (Department of Transportation):

Proper Shipping Name: Not regulated

Hazard Class: Not regulated

Identification Number: Not applicable

15. Regulatory Information

CERCLA (Comprehensive Environmental Response Compensation and Liability Act): No Reportable Quantity
OSHA Hazard Communication Standard, 29 CFR 1910.1200: No listed ingredient

SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient

TSCA (Toxic Substances Control Act): All ingredients are listed.

16. Other Information

NFPA Hazard Ratings: Health - 0
none → extreme Fire - 1
0 → 4 Reactivity - 0