

## MATERIAL SAFETY DATA SHEET – MOPITUP®

### Product Composition:

The product is a rectangular sheet consisting of a core of modified superabsorbent laminate covered by : two sheets of non woven material.

Or a sheet of non-woven and a sheet of plastic film as backing.

### Product ( Core) Composition:

A cross-linked polyacrylate absorbent compound bonded between paper tissues.

### Intended Use:

Absorption of aqueous water based fluids in the domestic or industrial environment. **Not for medical use or to be applied to wounds or breached skin.**

This material safety data sheet (MSDS) has been compiled based on information supplied by the suppliers of the raw materials.

COMPOSITION/INFORMATION ON INGREDIENTS	
Common Chemical Name	Cross linked polyacrylate absorbent
Synonyms	Superabsorbent polymer
Chemical Family	Polyacrylate
Ingredients contributing to the hazard	N/A
HAZARDS IDENTIFICATION	
Most Important Hazard	Dust from cutting operation Slipping hazard if in contact with water or high humidity
Risk Phrases	N/A
Safety Phrases	N/A
FIRST AID MEASURES	
Eye Contact	Irrigate the eye with plenty of water for at least 15 minutes. If any irritation persists obtain medical attention.
Skin Contact	Wash the skin with soap and water as a precaution. Take off contaminated clothing
Inhalation	Clear any blocked airways. Remove to fresh air. If recovery is delayed seek medical advice.
Ingestion	Give plenty of water to drink. If ill effects occur seek medical advice immediately.
FIRE FIGHTING MEASURES	
Specific hazards during fire fighting	In case of fire carbon monoxide, carbon dioxide.
Special protective equipment for fire-fighters	No special requirements
Extinguishing Media	Foam, dry powder, carbon dioxide, in preference to water spray.
ACCIDENTAL MEASURES	



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Personal Precautions	Damaged Mopitup product ,where inside has come out,in contact with water or moisture causes surfaces to become extremely slippery.
Environmental Precautions	Collect and flush small residuals with much water into the drain for subsequent biological effluent treatment.
Methods for Cleaning Up.	Use a suitable vacuum cleaner, to avoid the generation of airborne dust. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away with traces of water.
<b>HANDLING AND STORAGE</b>	
Handling	. Do not eat, drink or smoke whilst handling the product. Do not stand on product when dry or particularly when wet
Storage	Maintain good housekeeping. Store in a cool dry area with adequate ventilation. Avoid wet and humid conditions. Keep material wrapped in plastic polyethylene liner to prevent desiccation and embrittlement of material sheet.
<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>	
Personal Protective Equipment	. Obey reasonable safety precautions and practise good housekeeping.
Occupational Exposure Limits	The European Disposables and Nonwovens Association (EDANA) recommended Industrial Hygiene Guideline is 0.05mg/m3 respirable superabsorbent polymer dust (particle size less than 10 microns) based on a NOEL (No-observed Effect Level of the 2 year inhalation study, see Toxicological Information). Not applicable.
<b>PHYSICAL AND CHEMICAL PROPERTIES</b>	
Appearance	White sheet
Odour	None
Molecular Weight	N/A
pH	Approximately 6.0 (0.1% in 0.9% NaCl solution)
Solubility in Water	Insoluble but swells to form a gel.
Boiling Point °C	N/A
Melting Point °C	Decomposes-releases carbon and oxygen by-product gases. No halide gases or acid gas formation.
Vapour Pressure mbar at °C	<b>N/A</b>
Flash Point	N/A
Flammability	N/A
Autoflammability	N/A
<b>STABILITY AND REACTIVITY</b>	
Stability	Stable under usual application conditions.



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Conditions to avoid	Avoid extremes of temperature and wet and humid conditions.
Materials to avoid	No special precautions other than good housekeeping of chemicals.
Hazardous Decomposition Products	No decomposition if stored normally. Burning produces carbon oxidation products.

### TOXICOLOGICAL INFORMATION

Effect of Substance: On eyes	<b>Not primary irritant.</b>
On skin	No evidence of skin irritation or sensitisation.
By ingestion	Non toxic by oral route

### HYDRATED or DRY MATERIAL ECOLOGICAL INFORMATION

- a) Incinerate or Landfill in accordance with local regulations.  
b) Ecotoxicity – as far as aquatic life is concerned the product is basically non-toxic.

### HYDRATED or DRY PRODUCT DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations. In the UK disposal may be made to a licensed treatment/disposal site in accordance with the provisions of 'The Environmental Protection Act 1990'.

### TRANSPORT INFORMATION

ADR/RID Classification	Not classified as dangerous on the meaning of transport regulations.
HAZCHEM Code	None

### OTHER INFORMATION

Quality Assurance	ISO 9001
Recommended Use	Superabsorbent Sheet for use in soaking up aqueous based spillages in the domestic or industrial environment.
Relevant Approved Codes of Practise	Product classified and safety data sheet produced according to EEC Directives as implemented in the UK by the Chemicals (Hazard Information and Packaging) Regulations 1994. <b>PLEASE NOTE</b>
	Product will have no effect on oil based spillages and is not intended for use in this area.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 any process unless specified in the text.



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