

UBERSORB

Thirsty Sock

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1. IDENTIFICATION OF PRODUCT & COMPANY

Product: Thirsty Sock
Product code: EU-UBER 5 USA-UBER 15
Intended use: Liquid absorbent
Company name: Ubersorb Limited., Suite A, Whitestone Business Park, Whitestone, Hereford, HR1 3SE, UK
Telephone: +44 (0)1432 851580

2. HAZARD IDENTIFICATION

Main hazards: Not a hazardous product under normal conditions
Accidental thermal decomposition or melting can be present hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: Sodium polyacrylate, cross – linked – CAS no: 9003-05-8
Pulp – CAS no: 65996-61-4
Polyester – CAS no: 80595-68-2
Polypropylene – CAS no: 9003-07-0
Cellulose – CAS no: 9004-34-6
Vinyl acetate-ethylene copolymer – CAS no: 9010-86-0
Copolymer of ethylene & octene-1 (only Dual) – CAS no: 026221-73-8

4. FIRST AID MEASURES

Skin contact: Wash with soap and water, remove contaminated clothing. Barrier creams or protective clothing are recommended as repeated prolonged exposure can cause dermatitis
Eye contact: Rinse for a prolonged period with plenty of water, if necessary consult a doctor
Ingestion: Seek medical advice if feeling unwell
Inhalation: If inhaled, remove to fresh air. If necessary seek medical attention

5. FIRE FIGHTING MEASURES

Suitable extinguisher: Water, Dry Chemical, CO2, Foam
Protective equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact.

6. ACCIDENTAL RELEASE MEASURES

Personal protection: Exercise appropriate precautions to minimise direct contact with skin or eyes and prevent inhalation of dust.
Leaks & spills: Sweep up any spilt powder avoiding contact with water as it becomes extremely slippery.
Clean-up procedure: No special clean up procedures in place

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7. HANDLING & STORAGE

Handling precautions: As with all textile dust can be set free, local law must be considered

Storage precautions: Although the product is not explosive or highly inflammable it must be kept away from ignition sources, store in a dry place

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Components with workplace control parameters

Personal protective equipment

Respiratory protection: Use respiratory protection when exceeding limit and dust is formed.
Ensure sufficient workplace ventilation

Hand protection: Protective clothing and safety gloves.

Eye protection: Protective goggles

Hygiene measures: Obey reasonable safety precautions and practice good housekeeping

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance: Absorbent core material inside sealed and printed material.

Form: Blanket contains inner absorbent core

Colour: Multi

Odour: None

Melting temperature: 90°C

Starts to boil temperature: Not relevant

Flash point: Not relevant

Vapour pressure: Not applicable

Density: 0.42 g/cm³

Bulk density: 0.60-0.72

Water solubility: Essentially insoluble but swells in water

pH: Not relevant

Viscosity, dynamic: Not relevant

10. STABILITY & REACTIVITY

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Stability & Reactivity: Stable and non-reactive with anything it may come into contact with under normal use.

Thermal decomposition: Stable under usual application conditions
Above 300°C may release toxic and flammable gases, carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: ORL-RAT LD50:>5 gm/kg
Acute dermal toxicity: SKN-RBT LD50:>2 gm/kg
Skin irritation: Assuming appropriate use, no harmful effects have ensued.
Eye irritation: Assuming appropriate use, no harmful effects have ensued

**Sensitisation
repeated dose
toxicity:**

A chronic (two-year) lifetime inhalation study on rats, carried out with micronised dust of a superabsorbent polymer (in order to produce fully respirable particles) resulted in an unspecified inflammatory reaction in the lungs which caused the formation of tumours in some animals receiving the highest chronically administered concentration (see monitoring of the workplace/ protective equipment in section 8). Without chronic inflammation tumours are not to be expected. The study produced a NOEL definition of 0.05 mg/cbm for micronized dust of superabsorbent polymer

12. ECOLOGICAL INFORMATION

Elimination information (persistence and degradability)

Biodegradability: Poses no ecological hazard.

**Physico-chemical
Removability:** The product is easy to eliminate in water-treatment plants due to its insolubility

13. DISPOSAL CONSIDERATIONS

Product: Dispose of whilst observing local legal regulations, e.g. in a suitable incineration plant

Contaminated packaging: Undamaged packaging may be responsibly reused after proper cleaning

14. TRANSPORT INFORMATION

Not dangerous goods

15. REGULATORY INFORMATION

Risk phrases: None

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Safety phrases: Seek medical advice if feeling unwell

16. ADDITIONAL INFORMATION

Revision date: 19/07/2018

Reason for revision: New safety data sheet.

Section(s) revised: Not applicable.

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 a 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.