



M-I DRILLING FLUIDS
MATERIAL SAFETY DATA SHEET
KWIKSEAL

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

SUBSTANCE NAME: KWIKSEAL (Fine, Medium, Coarse)
COMPANY IDENTIFICATION: M-I Drilling Fluids
Pocra Quay, Footdee, Aberdeen AB11 5DQ.
TELEPHONE: 00 44 1224 584336
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2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT NAME	CONTENTS	HEALTH (class)	RISK (R.No.)	CAS No.
Vegetable granules / fibres	100%	None		

NOTES: This product is not classified as hazardous according to CHIP regulations.

3. HAZARDS IDENTIFICATION

Unlikely to cause hazardous effects under normal conditions of handling and use.

4. FIRST AID MEASURES

EYES: Flush eyes with lots of water or eyewash solution while lifting the eye lids. Seek medical attention if discomfort persists.
SKIN: Not regarded as a health hazard.
INHALATION: Remove the exposed person to fresh air.
INGESTION: Not regarded as a health hazard.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, water spray or mist, halon, foam or dry powder.
SPECIAL FIRE FIGHTING PROCEDURES: Do not use water in a continuous stream, this will scatter and spread the fire.
SPECIAL EXPOSURE HAZARDS IN FIRE: Can form dust clouds that may explode on contact with flames, heat and oxidising agents. No hazardous decomposition products noted.

6. ACCIDENTAL RELEASE

SPILL CLEANUP METHODS: Sweep up and shovel into waste drums or plastic bags. Cover and move the containers. Wash the spillage area with water.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: None noted.

STORAGE PRECAUTIONS: None noted.

STORAGE CRITERIA: None noted.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

TAKE MEASURES TO PREVENT:

EXPOSURE CONTROL LIMITS: OES (LT Exp) Vegetable granules / fibres 10 mg/m³ total dust

RESPIRATORY PROTECTION: Wear suitable respiratory protective equipment, dust mask with a P2 filter, if exposure to high dust levels are likely.

HAND PROTECTION: Use of impermeable protective gloves is advised.

SKIN PROTECTION: Wear suitable protective clothing.

EYE PROTECTION: Wear dust resistant eye goggles to prevent any possibility of eye contact. Provide eyewash station.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Fibrous, granular, powder, dust

COLOUR: Brown, straw

ODOUR / TASTE: No characteristic odour.

pH: 7

BOILING POINT / RANGE: N/A

MELTING POINT / RANGE: N/A

FLASHPOINT (deg C): N/A

FLAMMABILITY: N/A

AUTOFLAMMABILITY: N/A

EXPLOSIVE PROPERTIES: Explosive limits not determined

OXIDISING PROPERTIES: Not determined

VAPOUR PRESSURE: N/A

RELATIVE DENSITY: S.G. 1.5 @ 25 deg C

SOLUBILITY(water and fat) Insoluble in water and fat.

OTHER:

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: NORMALLY STABLE
Heat, sparks, flames.

MATERIALS TO AVOID: None noted.

HAZARDOUS DECOMPOSITION PRODUCTS None noted.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL PROPERTIES INCLUDING SPECIAL HEALTH EFFECTS OF CONSTITUENTS:

HEALTH WARNINGS: Dust may be irritating to nose and upper respiratory tract.
Dust may cause mild irritation and redness of eyes.
Repeated or prolonged exposure may cause chronic upper respiratory irritation. Benign pneumoconiosis (dust disease).

12. ECOLOGICAL INFORMATION

POSSIBLE EFFECTS/TOXICITY No data.

BEHAVIOUR: No data.

ENVIRONMENTAL FATE: No data.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Recover and reclaim or recycle, if practical. Dispose of in site landfill. Incinerate in suitable combustion chamber. Dispose in accordance with local and national legislation.

14. TRANSPORT INFORMATION

UN NUMBER: N/A

AIR N/A

IATA:

IATA LABEL:

SEA N/A

IMDG:

IMDG LABEL:

ROAD N/A

ADR:

UK LABEL FOR CONVEYANCE: No transport warning sign is required.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: N/A

RISK PHRASES:

SAFETY PHRASES:

SPECIFIC EC CONTROLS:

SPECIFIC UK LEGISLATIVE CONTROLS:

16. OTHER INFORMATION

TRAINING ADVICE:

RECOMMENDED USES AND RESTRICTIONS Lost circulation material for drilling fluids.

FURTHER INFORMATION:

SOURCES OF KEY DATA: Producers' safety data sheets.

OTHER:

The data contained in this safety data sheet has been supplied as required by the Chemicals (Hazardous Identification and Packaging) Regulations, as amended, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. The information herein is not exhaustive and should only be used as a guide to determine the best conditions for the safe use of the product. M-I Drilling Fluids is not responsible for any injury or liability resulting from the misuse of the product.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

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Revised By: DR K.J. WALKER