



## SAFETY DATA SHEET

40% E5 EMULSION

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### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** 40% E5 EMULSION

**Product code:** fEMU5/40

**Use / description of product:** For use as a foaming agent: foams the latex prior to gelling and curing. This emulsion is particularly suitable for less detailed mouldings, softer foam. Proprietary blend of soaps and foaming agents

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

### 3. HAZARDS IDENTIFICATION

**Main hazards:** No significant hazard.

**Other hazards:** No major hazards.

### 4. FIRST AID MEASURES (SYMPTOMS)

**Skin contact:** Repeated or prolonged contact may cause irritation or allergic reaction (e.g Dermatitis)

**Eye contact:** Repeated or prolonged contact may cause irritation (including surfactant and/or mechanical irritation from the solid particles/active oil)

**Ingestion:** Unlikely to be harmful by ingestion.

**Inhalation:** If this dispersion is strongly heated it may release fumes which are irritating to the respiratory tract and may be harmful due to the nature of the active ingredient

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** If a person feels unwell after coming into contact with this dispersion then seek medical advice. Remove all contaminated clothes and footwear immediately unless stuck to skin.

**Eye contact:** Irrigate with plenty of water. Seek medical advice

**Ingestion:** Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately. Do not induce vomiting.

**Inhalation:** Remove patient to fresh air. Treat symptomatically and seek medical advice.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Water. Carbon dioxide. Foam Do not use water jet

**Exposure hazards:** Burning will produce oxides of S, N and C

**Protection of fire-fighters:** Respiratory Protective Equipment (RPE) must be worn.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

[cont...]

## 40% E5 EMULSION

**Environmental precautions:** Prevent contamination of drains/watercourses/vegetation. Advise police.

**Clean-up procedures:** Adsorb onto sand/earth/similar adsorbent material. Once clear, wash the spillage area clean with water and detergent.

**7. HANDLING AND STORAGE**

**Handling requirements:** Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion. Ensure there is sufficient ventilation of the area.

**Storage conditions:** Store in closed containers, well protected from frost. Stir well before use.

**Suitable packaging:** Most packagaing suitable, avoid mild-steel.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Wear suitable respiratory protective equipment to prevent overexposure to mist.

**Hand protection:** Protective gloves. Water repellent barrier cream

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Wear suitable protective clothing. Water-repellent barrier cream.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**State:** Flowable aqueous emulsion

**Colour:** Pale yellow

**Odour:** Sweet-smelling

**Viscosity:** 100 - 1000 cps

**Oxidising:** No data

**Evaporation rate:** No data

**Solubility in water:** Miscible

**Also soluble in:** No data.

**Boiling point/range°C:** 100

**Melting point/range°C:** 0

**Flammability limits %: lower:** No data

**upper:** No data

**Flash point°C:** No data

**Part.coeff. n-octanol/water:** No data

**Autoflammability°C:** No data

**Vapour pressure:** No data

**Relative density:** 0.95 - 1.00

**pH:** 8.50 - 11.00

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Extremes of temperature. Protect from frost.

**Materials to avoid:** Strong bases. Strong acids. Strong oxidising agents.

**Haz. decomp. products:** The residue of this emulsion may liberate Carbon and Nitrogen oxides if storngly heated.

**11. TOXICOLOGICAL INFORMATION**

**Effects of exposure** Slight irritant to the eyes and skin. Not classified as a skin sensitiser

**Routes of exposure** Repeated or prolonged contact may cause skin irritation/allergy.

**12. ECOLOGICAL INFORMATION**

**Mobility:** Miscible with water.

**Persistence and degradability:** A component of this dispersion has a small measure of persistence in the ecosystem

**Bioaccumulative potential:** No data.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal:** In accordance with the local or national legislation. Mix or dissolve with a combustible material and burn in a chemical incinerator equipped with afterburners and scrubbers.

**Disposal of packaging** Incinerate residues only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**14. TRANSPORT INFORMATION****ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

**Hazard symbols:** No significant hazard.

**Safety phrases:** S25: Avoid contact with eyes.

**Note:** The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. ADDITIONAL INFORMATION**

**Additional information:** For use as a foaming agent. Foams latex prior to gelling and curing. This emulsion is particularly suitable for less detailed mouldings or softer foam.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.