

MATERIAL SAFETY DATA SHEET

IDENTIFICATION OF MATERIAL AND COMPANY

Product name : ABM MOULD OIL

Use of the product : **Oil based formwork release agent**

PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Dark Brownish

Odor : Mild petroleum

pH : Approximately 6-8 (of water in an emulsion)

Flash point : $\pm 110^{\circ}\text{C}$

Kinematic Viscosity (40°C) : 7.248 CST

Vapor pressure (20°C) : < 1mmHg

Density (25°C) : 0.87 -0.97

IDENTIFICATION OF HAZARDS

Signs and symptoms of acute exposure

Inhalation : May cause headache, nausea and slight dizziness. Chronic prolonged or repeated contact may become more serious.

Eye contact : May cause eye irritation, redness or a stinging sensation. Chronic prolonged or repeated contact may become more serious.

Skin contact : May cause skin irritation, dermatitis and redness. Chronic prolonged or repeated contact may become more serious.

COMPOSITION/ INFORMATION ON INGREDIENTS

Hydrocarbon derivatives

FIRST AID MEASURES

Inhalation : Move exposed person to fresh air. Keep person warm and at rest.

Eye contact : If product enters the eyes, immediately hold open eyes and flush with water continuously for at least fifteen minutes. Seek for medical attention if excessive tearing or redness.

Skin contact : Remove contaminated clothing and wash affected area with plenty of soap and water. Keep at rest until fully recovered. Seek medical attention.

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FIRE-FIGHTING MEASURES

Flammable Properties

Flash Point : > exceed 110°C

Extinguisher media

Small / suitable fires : Use any extinguishing agent suitable for Class B fires, dry chemical powder, carbon dioxide, water spray, foam. Keep drums cool with water spray.

Not suitable fire : None know

Explosion hazards

: In a fire or heated exceed flash point, a pressure increase will occur and the container may burst. Material will release flammable vapors, which can burn or be explosive in confined spaces.

Specific fire fighting Procedure

: Use water to keep fire exposed containers cool. Water spray may be used to disperse the vapors or provide protection for personnel attempting to disperse the vapors.

Other Precautions

: Fire fighter should wear self-contained breathing apparatus in fire situations.

ACCIDENTAL RELEASE MEASURES

Personal precautions

: Use suitable personal protective equipment. Wear personal protective equipment. Avoid skin and eye contact and acute inhalation particularly in places with limited ventilation. No smoking or flames in hazard area. Water spray may reduce vapour, but it may not prevent ignition in closed spaces.

Environment precautions

: Avoid contamination or dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Spillage

: Stop leak if without risk. Move containers from spill area or place spill material in sealable containers for disposal. Move leaking containers to well-ventilated area. . Dispose in accordance with waste authority regulations or via a licensed waste disposal contractor.

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HANDLING AND STORAGE

- Handling : In the event of contamination, wash thoroughly with water. Do not use near naked -re or smoke during use. Avoid to be in contact with skin or eyes. Wear gloves and goggles for protection. . If the eyes or mouth are affected, wash with clean water immediately and obtain medical attention.
- Storage : Store in original container protected from direct sunlight in a dry, cool and well-ventilated area. Avoid exposure to flammable sources.

STABILITY AND REACTIVITY

- Stability : This material is stable
- Conditions to Avoid : Avoid extreme heat, open flames, and ignition sources.
- Hazardous Decomposition : Combustion will generate acrid smoke and irritating fumes
- Products

PERSONAL PROTECTION

- General : Avoid skin and eye contact and acute inhalation particularly in places with limited ventilation. Wash hands/face after exposure and avoid consuming food/beverages where product is stored.

TRANSPORT INFORMATION

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|---------|-----------------------------------|---------------|
| ADR/RID | : Substance Identification Number | Not Regulated |
| IMDG | : Proper shipping name | Not Regulated |
| IATA | : Proper shipping name | Not Regulated |