

OSDEC DAM-IT

MATERIAL SAFETY DATA SHEET

Section 1 – CHEMICAL AND COMPANY IDENTIFICATION

PRODUCT INFORMATION

Product Name

Osdec Dam-It Ready Mix, Strips, Mats and Dry Powder

Molecular Weight

Not Applicable

COMPANY IDENTIFICATION

Company

Osdec International Sdn Bhd

Address

No. 23, Jalan PJU 3/45
PJU 3 Sunway Damansara
47810 Petaling Jaya
Selangor, Malaysia
Tel: 603-78800277
Fax: 603-78809266

Emergency number: +6012-6363633 (Jimmy Kok)

Email: jim@osdec.com

Section 2 – COMPOSITION/INFORMATION ON INGREDIENTS

Products are based on a high quality food grade clay.

Products in putty format (Mats, Strips and Ready Mix) contain the following:-

1,2-Benzisothiazol-3(2H)-one, CAS 002634-33-5, hazard symbol Xn, R-phrases R22/R38/R43:
<0.05% w/w

No other ingredients with health effects under CHIP or COSHH are present in the formulations.

Section 3 – PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Free flowing powder or stiff putty

Colour: Beige

Odour: None or slight

pH of Aqueous Sol'n: N/A

Boiling Point: N/A

Melting Point: N/A

Viscosity: 8-30 cps for 6.25% solids in deionized water

Flash Point: N/A

Flammability: N/A

Auto flammability: N/A

Explosive Properties: N/A

Oxidising Properties: N/A

Vapour Pressure: N/A

Density: ~1.30 (Mats/Strips)

Water Solubility: Gels readily ; Other Solubility: Gels readily with many liquids

Density: ~1.15 (Ready Mix)

Bulk Density: ~1.00 (Powder)

Section 4 – HAZARDS IDENTIFICATION

All these products are classified as **non-hazardous** according to current CHIP regulations.

Section 5 – FIRST AID MEASURES

Skin contact: Rinse with plenty of water.

Eye contact: Rinse with plenty of water for at least 10 minutes. Seek medical assistance if irritation persists.

Ingestion: Highly unlikely to pose a problem. Seek medical attention if effects experienced.

Inhalation: Not expected to pose a problem. Remove to fresh air and seek medical attention if effects persist.

Section 6 – FIRE FIGHTING MEASURES

All Dam-It products are non-combustible.

Firefighters should wear self-contained breathing apparatus if these products are involved in a fire.

Section 7 – ACCIDENTAL RELEASE MEASURES SPILL CLEAN-UP PROCEDURES

Material is bio-inert (Dam-It contains an additional biodegradable component) - no special precautions necessary.

Note: wet material may cause surfaces to become slippery. See also Section 9

Section 8 – HANDLING AND STORAGE

Keep powder dry. Protect standard Mats/Strips/Ready Mix from frost, and all Mats/Strips/Ready Mix excessive heat. Ensure packaging remains intact - product shelf life is 2 years provided seal is not broken

Section 9 – EXPOSURE CONTROL /PERSONAL PROTECTION

DAM-IT PRODUCTS ARE NON-HAZARDOUS, BUT:-

Being highly absorbent, dry powder may cause some physical irritation to the eyes and have a slight drying effect on the skin. If large quantities of powder are raised as an airborne dust, material may become a respiratory irritant as a nuisance dust (suggested OEL 10mg.m-3).

Mats/Strips/Ready Mix may slightly de-fat the skin, irritate the eyes and/or have a slight drying effect on the skin on prolonged contact.

However, since these products tend to be used only briefly, and are supplied only in relatively small packs, these aspects are **extremely unlikely to pose any problems**; if risk assessment dictates, wear gloves, goggles and /or dust mask as appropriate.

Light vinyl gloves are provided with the products but the user should verify their suitability.

NOTE: on removal after use, if contaminated with a pollutant, OBSERVE PRECAUTIONS APPLICABLE TO THE POLLUTANT ITSELF.

Section 10 – STABILITY AND REACTIVITY

Thermal Decomposition: Nil, except for mats/strips/ready mix which may liberate relatively small quantities of carbon monoxide and propionaldehyde.

Hazardous Reactions: May react violently with strong oxidising agents; otherwise particularly inert and stable.

Section 11 – TOXICOLOGICAL INFORMATION

Oral: Nil Inhalation: Nil
Dermal: products have a slight potential to cause minor de-fatting and irritation.

Section 12 – ECOLOGICAL INFORMATION

Mobility: Low Persistence and degradability: Good Bioaccumulation: Nil
Aquatic toxicity: Nil Bacterial Toxicity: Nil WGK Class: N/A
All constituent materials are either bio-inert or biodegradable, or else present in the formulations in such miniscule proportions that they may be regarded as negligible (see section 2), with the exception of all Ready Mix Products - contain <4% (w/w) recycled natural elastomer.

Section 13 – DISPOSAL CONSIDERATIONS

Dispose of materials in accordance with appropriate legislation/regulations.
NOTE: if contaminated with a pollutant, observe disposal & safety considerations appropriate to the pollutant itself.

Section 14 – REGULATORY INFORMATION

Classification in accordance with current CHIP regulations:-
Symbols: None Risk Phrases: None Safety Phrases: None Exposure Limits: None

Section 15 – TRANSPORT INFORMATION

Classification in accordance with current CHIP regulations:-
Symbols: None Risk Phrases: None Safety Phrases: None Exposure Limits: None

Section 16 – OTHER INFORMATION

No effective change in hazard/risk parameters has occurred in this or any previous revision of this Data Sheet.