

SAFETY DATA SHEET

Prepared in accordance with Annex II of the REACH Regulation (EC) 1907/2006, Regulation (EC) 1272/2008

Plug N' Dike Putty**1. Identification of the Substance/Preparation and Company/Undertaking****1.1 Product Identifier**

Plug N' Dike Pre- Mixed Putty

1.2 Relevant identified uses and uses advised against

Sealing of drains against spills of pollutants
Sealing leaks in containers

1.3 Details of the supplier of the safety data sheet

Yellow Shield Ltd, details as above

1.4 Emergency contact

Telephone: 0800 0324280
Email: sales@yellowshield.co.uk

2. Hazards Identification:**2.1 Classification of the substance or mixture in compliance with Regulation (EC) 1272/2008 (CLP Regulations)**

These products are classified as **non-hazardous** according to current CLP regulations.

2.2 Label Elements (In compliance with Regulation (EC) 1272/2008 (CLP Regulations))

Not a hazardous substance or mixture.

3. Composition/Information on Ingredients**3.1 Substances**

Plug N' Dike Putty is a preparation/mixture.

3.2 Mixtures

Plug N' Dike Putty is a preparation/mixture.

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

- Bentonite clay (high quality food grade natural mineral)
- Monopropylene Glycol (CAS No. 57-55-6), (REACH Reg No. 01-2119456809-23-0012)
- Crumb rubber
- Water

No ingredients with health effects under REACH, CLP or COSHH are present in the formulations.

4. First Aid Measures:

4.1 Description of first aid measures

Because the usual form of the product is a thick "paste", skin contact is the most likely route for contact and other means of contact are highly unlikely.

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.

4.2 Most important symptoms and effects, both acute and delayed

None known

4.3 Indication of any immediate medical attention and special treatment needed

None known

5. Fire-Fighting Measures:

5.1 Extinguishing Media

Not applicable as Plug N' Dike Putty is non-combustible

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for firefighters

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

6. Accidental Release Measures:

6.1 Personal precautions, protective equipment, and emergency measures

Refer to precautions listed in secs. 7,8

Note: wet material may cause surfaces to become slippery.

6.2 Environmental precautions

Because the usual form of the product is a thick "paste" which does not readily mix with water, accidental release into the environment is highly unlikely.

The material is bio-inert - no special precautions necessary. See also Section 8.

6.3 Methods and material for containment and cleaning up:

May be picked up with scoop/scrapper; final clean with water jet wash or similar.

7. Handling and Storage:

No special measures are needed for protection.

However, the simple practical measures below will ensure that the functionality of the products is preserved:

- Keep powder dry.
- Protect Mats/Strips/Ready Mix from frost
- Protect all Mats/Strips/Ready Mix from excessive heat
- Ensure packaging remains intact - product shelf life is 3 years provided seal is not broken.

8. Exposure Control and Personal Protection:

PLUG N' DIKE PRODUCTS ARE NON-HAZARDOUS, HOWEVER:

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.

9. **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
Viscosity:	N/A
Boiling Point:	N/A
Melting Point:	N/A
Flash Point:	N/A
Flammability:	N/A
Autoflammability:	N/A
Explosive Properties:	N/A
Oxidising Properties:	N/A
Vapour Pressure:	N/A
Specific Gravity:	~1.30 (Ready Mix, Mats/Strips)
Bulk Density:	~1.00 (Powder)
Water Solubility (powder)	Gels readily
Other Solubility (powder)	Gels readily with many liquids

10. **Stability and Reactivity:**

Dammit products are highly stable under normal conditions of use and storage.

Thermal Decomposition:	Mats/strips/ready mix may liberate relatively small quantities of carbon monoxide and propionaldehyde when heated to over 400°C.
Hazardous Reactions:	May react partially with strong oxidizing agents; otherwise particularly inert and stable.
Conditions to Avoid:	None.

11. **Toxicological Information**

Oral ingestion:	Nil
Inhalation:	Nil
Dermal Exposure:	Products have a slight potential or cause minor de-fatting and irritation.

12. Ecological Information

Mobility:	Low
Persistence and degradability:	Good
Bioaccumulation:	Nil
Aquatic toxicity:	Nil
Bacterial Toxicity:	Nil
WGK Class:	N/A (Monopropylene Glycol is rated NLG 1)

All constituent materials are either bio-inert/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 rubber elastomer.

13. Disposal Considerations:

Dispose of materials in accordance with appropriate legislation/regulations.

NOTE: *If contaminated with a pollutant, observe disposal and safety considerations appropriate to the pollutant itself.*

14. Transport Information:

Products are not regulated for any mode of transportation.

15. Regulatory Information:

Classification in accordance with current CLP regulations:

- Symbols: None
- Risk Phrases: None
- Safety Phrases: None
- Exposure Limits: None

EU Regulation (EC) No. 1907/2206 (REACH)

- Annex XIV Not listed
- Annex XVII Not listed

16. Other Information:

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

Disclaimer: Every effort has been made to ensure the accuracy of the above information. However, neither Yellow Shield Limited nor any person acting on behalf of Yellow Shield Limited can be held responsible for the use which might be made of the above information, or for any omission therein. Users are responsible for carrying out their own risk assessments and taking appropriate precautions.