



“Provider of Superior Environmental Products & Services”

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT AND PREPARATION INFORMATION

Trade Name: PLUG N’ DIKE
(Dry Granular, Premix, Plug Rugs)
Synonym: N/A
Product Code: N/A
Chemical Name & Synonyms: N/A
CAS Number: OY6Z5

DISTRIBUTOR

Can-Ross Environmental Services Ltd.
2270 South Service Road West
Oakville, ON L6L 5M9
Toll Free: 1-888-847-7190
Tel: (905) 847-7190 Fax: (905) 847-7175

PRODUCT USE

Forms an immediate seal to control flammable and hazardous leaks and spills.

SECTION II

INGREDIENTS LIST

CHEMICAL IDENTITY	CAS NUMBER	PERCENT BY WEIGHT	EXPOSURE LIMITS
Bentonite Blends	1302-78-9	40-60%	Nuisance dust limits, not applicable, because premixed with water
Water	007732-18-5	40-60%	
Acrylic Polymer	603 23-79-7	0.1 – 1.0 %	N/A Premixed with water
Diatomite	68855-54-9	0.1 – 1.0 %	
Polyethylene Glycol	25322-68-3	<0.001%	



“Provider of Superior Environmental Products & Services”

Dow 75 Preservative 1-(3-Chloroallyl)-3,5,7-triaza-1-azoniaadamantanechloride	004080-31-3	<0.0007%	All components diluted in water to less than 1000ppm
Sodium bicarbonate	000144-55-8	<0.0004%	
Hexamethylenetetramine	000100-97-0	<0.00002%	

Components are non-hazardous, non-toxic

TLV: Respirable Mass: 5 mg/m³
 Total Mass: 15 mg/m³

SECTION III PHYSICAL DATA

Physical state.....	Solid
Appearance.....	Grey powder or paste
Odour.....	Odourless product
Odour threshold.....	None
Boiling point.....	None
Freezing point.....	None
Percent volatile by volume.....	None
Specific gravity.....	None
Evaporation rate.....	None
Vapour pressure.....	None
Vapour density.....	None
pH.....	None
Coefficient of water/oil distribution.....	None
Solubility in water.....	None

SECTION IV FIRE OR EXPLOSION HAZARDS

Conditions of flammability.....	None
Extinguishing media.....	None
Hazardous combustion products.....	None
Special fire fighting procedures.....	Non-flammable (Fire hazards associated with wood or wood products are commonly known)
Flash point & method of determination.....	None
Upper flammable limit.....	None
Explosion data-sensitivity to mechanical impact...	None



“Provider of Superior Environmental Products & Services”

Explosion data-sensitivity to static discharge..... None

SECTION V

REACTIVITY DATA

Stability..... Stable material
Conditions to avoid..... None
Incompatible substances..... Do not use with strong acids
Hazardous decomposition products..... None
Hazardous polymerization..... Will not occur

SECTION VI

TOXICOLOGICAL PROPERTIES

Route of entry: Skin contact [] Skin absorption []
 Eye contact [] Inhalation []
 Ingestion []
Health Hazards:
(Acute/Chronic) N/A
Carcinogenicity: NTP: N/A
 IARC: N/A
 OSHA: N/A
Signs/Symptoms of
exposure: N/A

SECTION VII

PREVENTIVE MEASURES

Hand protection: N/A
Eye protection: N/A (optional use of goggles for dust)
Respiratory protection: N/A (optional use of Niosh dust mask)
Body protection: N/A
Foot protection: N/A
Ventilation controls: Local exhaust - N/A
 Mechanical - N/A
 Special - N/A
 Other - N/A

Steps to be taken in material is released or spilled:
Plug N'Dike may be disposed in a solid waste landfill if not contaminated by



“Provider of Superior Environmental Products & Services”

any other chemical. Avoid adding water, as the product can be slippery when wet.

Waste disposal method:

If used to control a chemical leak, dispose of contaminated Plug N= Dike according to procedures for the hazardous chemical it was in contact with.

Precautions to be taken in handling and storing:

None.

Other precautions:

Store premix and plug rugs above freezing.

SECTION VIII

FIRST AID MEASURES

Eye contact: If dust should come in contact with eyes, flush with water.

Inhalation: Avoid breathing dust. May be harmful if inhaled over a prolonged period.

DISCLAIMER

Can-Ross believes the above information to be reliable. Handling of this product shall be restricted to qualified persons. Users must make their own tests when mixing this product with any other product or using it in any process which may alter its properties. Can-Ross assumes no responsibility whatsoever from any such usage.

EFFECTIVE: JUNE 1, 2007 – JUNE 1, 2010