



SAFETY DATA SHEET

SECTION 1) IDENTIFICATION

Product ID: SEI071
Product Name: PLUG N DIKE
Revision Date: Mar 05, 2019 **Date Printed:** Mar 13, 2019
Version: 1.0 **Supersedes Date:** N.A.
Supplier's Name: SCN INDUSTRIAL
Address: 22555 Trans-Canada Hwy St Anne-de-Bellevue, QC, CA, H9X 3L7
Emergency Phone: +1 613-992-4624
Information Phone Number: +1 800-661-2400
Fax:
Product/Recommended Uses: Emergency temporary plugging of leaking fuel tanks and drums to stop leaks.

SECTION 2) HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture according to Canadian Hazardous Products Regulations (WHMIS 2015).

Hazards Not Otherwise Classified (HNOC) (Physical & Health)

None.

SECTION 3) COMPOSITION/INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0001302-78-9	BENTONITE	30.0% - 60.0%
0007732-18-5	WATER	30.0% - 60.0%
0000057-55-6	PROPYLENE GLYCOL	Trace

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a flushing duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Skin Contact

Wash with soap and water. Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). If skin irritation occurs: Get medical advice/attention.

Ingestion

Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

Most Important Symptoms/Effects, Acute and Delayed

No data available.

Indication of Immediate Medical Attention and Special Treatment Needed

No data available.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Large Fire : Water spray, fog or alcohol-resistant foam.

Unsuitable Extinguishing Media

Do not use straight stream of water.

Specific Hazards in Case of Fire

Fire will produce irritating gases. Containers can explode in a fire.

Fire-fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Large Fire: Dike fire-control water for later disposal; do not scatter the material

Special Protective Actions

Wear positive pressure self-contained breathing apparatus (SCBA) Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Isolate hazard area and keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Recommended Equipment

Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Personal Precautions

Avoid contact with skin, eye or clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material and water from clean-up/firefighting from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

Methods and Materials for Containment and Cleaning up

Scoop up material and dispose of in municipal landfill. Avoid adding water as product can be slippery when wet. Ventilate and wash area after clean-up is complete

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

All containers must be properly labelled.

Do not reuse container after it is empty.

Eyewash stations and showers should be available in areas where this material is used and stored.

Check shelf life every six months after one year.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Report ventilation failures immediately.

Storage Room Requirements

Store regular Premix above freezing. Premix with antifreeze goes down to about zero F. Provide secondary containment for toxic materials. Protect containers from moisture and against banging or other physical damage when storing, transferring, or using them. Keep containers securely sealed when not in use. Keep the smallest amount of material in work areas. Procedures must be conducted in a fume hood, glove box, or other suitable containment device. Empty containers retain residue and may be dangerous.

SECTION 8) EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection

Wear safety glasses with side shields

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Always seek advice from glove suppliers. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiration protection

Not required in paste form. If the product does dry out and is crumbled, use NIOSH/MSA approved dust mask.

Appropriate Engineering Controls

Not applicable in paste form.

Chemical Name	ACGIH TWA (mg/m ³)	ACGIH Notations	ACGIH TWA (ppm)	ACGIH STEL (mg/m ³)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	OSHA TWA (mg/m ³)
PROPYLENE GLYCOL								

Chemical Name	OSHA TWA (ppm)	OSHA STEL (mg/m ³)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation	OSHA Tables (Z1, Z2, Z3)	CAN_ONtmg	CAN_ONtpp m
PROPYLENE GLYCOL							155 (V), 10 (H) (b)	50 (V)

Chemical Name	CAN_ONsmg	CAN_ONspgm
PROPYLENE GLYCOL		

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Relative Density	1.40
Specific Gravity	No Data Available
% VOC	No Data Available
Density VOC	No Data Available

Appearance	Gray paste
Odor Threshold	No Data Available
Odor Description	No Data Available
pH	No Data Available
Water Solubility	No Data Available
Flammability	N/A
Flash Point Symbol	No Data Available
Flash Point	No Data Available
Viscosity	No Data Available
Lower Explosion Level	No Data Available
Upper Explosion Level	No Data Available
Vapor Pressure	No Data Available
Vapor Density	No Data Available
Freezing Point	0 °F
Melting Point	No Data Available
Low Boiling Point	No Data Available
High Boiling Point	No Data Available
Auto Ignition Temp	No Data Available
Decomposition Pt	No Data Available
Evaporation Rate	No Data Available
Coefficient Water/Oil	

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable

Conditions To Avoid

None.

Hazardous Reactions/Polymerization

Will not occur.

Incompatible Materials

Not recommended for use with strong acids (Hydrofluoric acid).

Hazardous Decomposition Products

None.

SECTION 11) TOXICOLOGICAL INFORMATION

Likely Route of Exposure

Inhalation, ingestion, skin absorption.

Acute Toxicity

No data available.

Aspiration Hazard

No data available.

Carcinogenicity

No data available.

Germ Cell Mutagenicity

No data available.

Reproductive Toxicity

No data available.

Respiratory/Skin Sensitization

No data available.

Serious Eye Damage/Irritation

0005131-66-8 PROPYLENE GLYCOL

Can irritate the eyes. May cause mild, reversible corneal injury.

Skin Corrosion/Irritation

0005131-66-8 PROPYLENE GLYCOL

Can irritate the skin.

Specific Target Organ Toxicity - Repeated Exposure

0005131-66-8 PROPYLENE GLYCOL

Adverse effects in animal studies include adaptive liver changes and reversible CNS depression.

Specific Target Organ Toxicity - Single Exposure

No data available.

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available.

Persistence and Degradability

No data available.

Bio-accumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14) TRANSPORT INFORMATION

IMDG Information

UN number: Not Regulated
Proper shipping name: N/A
Hazard class: Not Applicable
Packaging group: Not Applicable
Marine Pollutant: No Data Available
Note / Special Provision: No Data Available

IATA Information

UN number: Not Regulated
Hazard class: Not Applicable
Packaging group: Not Applicable
Proper shipping name: N/A
Note / Special Provision: No Data Available

U.S. DOT/ Canada TDG Information

UN number: Not Regulated
Proper shipping name: N/A
Hazard class: Not Applicable
Packaging group: Not Applicable
Hazardous substance (RQ): No Data Available
Marine Pollutant: No Data Available
Note / Special Provision: No Data Available

SECTION 15) REGULATORY INFORMATION

Safety, health and environmental regulations

The following regulations have been evaluated for this product: SARA 312, SARA 313, SARA 313 PBT, TSCA, DSL, NDSL, NPRI.

CAS	Chemical Name	% By Weight	Regulation List
0001302-78-9	BENTONITE	30.0% - 60.0%	DSL,SARA312,TSCA
0007732-18-5	WATER	30.0% - 60.0%	DSL,TSCA
0000057-55-6	PROPYLENE GLYCOL	Trace	DSL,SARA312,TSCA

SECTION 16) OTHER INFORMATION

Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center(US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

NOTE : The Original Supplier Safety Data Sheet does not include any disclosed ranges for the chemical components in Section 3. Using similar product chemical compositions, we have applied the HPR Prescribed Concentration Ranges for each chemical in the product.

Version 1.0:

Revision Date: Mar 05, 2019

First Edition.

DISCLAIMER

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