

MATERIAL SAFETY DATA SHEET

PENNKOTE LIMITED – 1950 BOUNDARY ROAD - WHITBY, ONTARIO. L1N 8P8

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**DATE REVISED: 04/15/2016
REVISED BY: D STEFAN.**

1. PRODUCT INFORMATION

PRODUCT NAME: GREENSTUFF.
GENERIC NAME: WATER BASED COPOLYMER.
PRODUCT USE: AIR BARRIER.
WHIMS CLASSIFICATION: NOT CONTROLLED.

2. HAZARDOUS INGREDIENTS

COMPONENT NAME	% CONC (WT/WT)	LD50 ORAL RAT	LD50 DERMAL RABBIT	LC50 INHALATION RAT AEROSOL	CAS NUMBER
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N.AP.

3. PHYSICAL DATA

PHYSICAL STATE: LIQUID.
ODOUR AND APPEARANCE: MILD ODOUR. GREEN VISCOUS MATERIAL.
ODOUR THRESHOLD: N.AV.
SPECIFIC GRAVITY (g/cm³@20°C): 0.98
VAPOUR PRESSURE (mmHg@20°C): 17
VAPOUR DENSITY (AIR=1): N.AP.
EVAPORATION RATE: N.AP.
BOILING POINT (°C): APPROX 100.
FREEZING POINT (°C): APPROX 0.
pH: 6.0
**COEFFICIENT OF WATER/OIL
DISTRIBUTION:** N.AV.

4. FIRE OR EXPLOSION HAZARDS

FLASHPOINT (METHOD): NON FLAMMABLE.
UPPER FLAMMABLE LIMIT (% BY VOL.): N.AP.
LOWER FLAMMABLE LIMIT: N.AP.
AUTO IGNITION TEMPERATURE (°C): N.AP.
HAZARDOUS COMBUSTION PRODUCTS: N.AP.
CONDITIONS OF FLAMMABILITY: ONLY FLAMMABLE ONCE ALL WATER HAS EVAPORATED.

4. FIRE OR EXPLOSION HAZARDS ..cont'd..

EXPLOSION SENSITIVITY:	NOT SENSITIVE.
MEANS OF EXTINCTION:	DRY CHEMICAL, CO2 FOAM, OR WATER.
SPECIAL FIREFIGHTING PROCEDURES:	FIREFIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS.

5. REACTIVITY DATA

CHEMICAL STABILITY:	STABLE.
INCOMPATIBILITY:	METAL SALTS WILL COAGULATE PRODUCT.
HAZARDOUS DECOMPOSITION PRODUCTS:	IF DRY PRODUCT IGNITES, CARBON MONOXIDE AND CARBON DIOXIDE WILL BE PRODUCED.
CONDITIONS OF REACTIVITY:	NON-REACTIVE.

6. TOXICOLOGICAL PROPERTIES

ROUTES OF ENTRY:	INGESTION, INHALATION, EYE AND SKIN CONTACT.
EFFECTS OF ACUTE EXPOSURE:	INGESTION MAY CAUSE NAUSEA AND VOMITING. INHALATION OF SPRAY MIST MAY CAUSE NAUSEA AND HEADACHE. SKIN CONTACT, IRRITATION UNLIKELY. EYE CONTACT, EYE IRRITATION.
EFFECTS OF CHRONIC EXPOSURE:	PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION.
EXPOSURE LIMITS:	NOT ESTABLISHED - PRACTICALLY NON-TOXIC.
SENSITIZATION:	DOES NOT OCCUR.
TOXICOLOGICALLY SYNERGISTIC PRODUCTS:	NONE KNOWN.
OTHER HEALTH EFFECTS:	NONE KNOWN.

7. FIRST AID MEASURES

SKIN CONTACT:	FLUSH WITH WATER.
EYE CONTACT:	FLUSH WITH WATER FOR 15 MINUTES.

7. FIRST AID MEASURES ..cont'd..

INGESTION:	IF CONSCIOUS, GIVE 2 GLASSES OF WATER TO DILUTE STOMACH CONTENTS. CALL PHYSICIAN IMMEDIATELY.
INHALATION:	MOVE SUBJECT TO FRESH AIR.

8. PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES:	RUBBER.
RESPIRATORY:	NOT REQUIRED.
EYES:	PROTECTIVE CHEMICAL GOGGLES.
FOOTWEAR:	AS NECESSARY TO PREVENT SKIN CONTACT.
CLOTHING:	AS NECESSARY TO PREVENT SKIN CONTACT.
VENTILATION:	NO SPECIAL VENTILATION REQUIRED.
LEAK & SPILL PROCEDURES:	SCRAPE OR SHOVEL INTO RECOVERY CONTAINER.
WASTE DISPOSAL:	DISPOSE OR ABSORBED MATERIAL IN GOVERNMENT APPROVED LANDFILL SITE.
HANDLING & STORAGE:	AVOID SKIN CONTACT. MICROBIAL DEGRADATION AND pH CHANGE MAY OCCUR ON VERY EXTENDED STORAGE. STORE IN CLEAN COVERED TANKS. AVOID FREEZING. STORE BETWEEN 10°C AND 30°C.
SHIPPING INFORMATION:	NO SPECIAL PROCEDURES.

DISCLAIMER

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, provincial, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."

N.AP. = NOT APPLICABLE, **N.AV.** = NOT AVAILABLE.