



Material Safety Data Sheet

The Toro Company
 8111 Lyndale Ave S
 Bloomington, MN 55420

Revision Date: 8/25/2010

Issue Date: 9/1/2010

Product Identification

Product Name:	PREMIUM HEAVY DUTY TIRE SEALANT	Parts Number: 110-8831, 110-8832, 110-8833, 110-8834
Product type:	TIRE SEALANT	
MSDS #		
Emergency Contact:	Chemtrec : 1-800-424-9300	
Contact Number:	1-952-888-8801	

Chemical Components

Chemical	CAS #	%	ACGIH TLV	OSHA PEL	Other
ETHYLENE GLYCOL	107-21-1	48.00	50-ppm	50-ppm	

Physical and Chemical Properties

Characteristics		Physical Properties		Hazards Description			Physical Dangers
Physical State	VISCOUS	Vapor pressure	N/A	Flammable Limits N/A	LEL N/A	UEL N/A	Stable Hazardous Polymerization Will Not Occur
Color	WHITE	pH					
Odor	SLIGHTLY AMMONIAC	Boiling point/range:	250F				
HMIS Rating		Melting point/range:	N/A				
Health:		Specific gravity	1.08				
Flammability:		Vapor density	N/A				
Physical Hazard:		Evaporation rate	N/A				
SOLIDIFICATION TEMPERATURE UNDER -45 F.		Solubility in water	TOTALLY EMUSIFIABLE				
		VOC content:					
		Flash Point	NONE DETECTED				
		Viscosity					

Health Hazards

Major Routes of Exposure:		Ingredients Considered Hazardous to Health			Potential Health Effects:
Inhalation	n/a	Carcinogenicity NTP? IARC OSHA N/A Monographs? Regulated? N/A NO			Inhalation.
Skin	n/a				
Ingestion	DO NOT INGEST				
Eye	n/a				
					Skin. CAN CAUSE IRRITATION WITH LONG TERM EXPOSURE.
					Eye contact: CAN CAUSE IRRITATION.
					Ingestion: INGESTION CAN CAUSE NAUSEA AND VOMITING. HARMFUL OR FATAL IF INGESTED. DO NOT INDUCE VOMITING. DILUTE BY DRINKING LOTS OF WATER. CALL A PHYSICIAN IMMEDIATELY.

First Aid Measures	Personal Protection
INGESTION—DO NOT INDUCE VOMITING. DILUTE BY DRINKING LOTS OF WATER. CALL A PHYSICIAN RIGHT AWAY. EYE OR SKIN CONTACT—FLUSH WITH LOTS OF WATER. CALL A PHYSICIAN RIGHT AWAY.	Respiratory Protection (<i>Specify Type</i>) <i>NONE NEEDED</i> Ventilation Local Exhaust X Special Mechanical (<i>General</i>) X Other Protective Gloves Eye Protection TO AVOID LONG TERM EXPOSURE RECOMMENDED Other Protective Clothing or Equipment NONE Work/Hygienic Practices NORMAL HYGENIC PRACTICIES

Fire and Explosion Hazards

Extinguishing Media	Special Fire Fighting Procedures	Unusual Fire and Explosion Hazards
WATER FOG, CARBON-DIOXIDE, DRY CHEMICAL	NONE	NONE

Handling and Storage

Accidental Release /Spill Measures to Take	Precautions for Storage	Handling
ABSORB WITH APPROVED ABSORBENT AND TRANSFER TO A CONTAINER	NONE	NONE

Disposal/Transportation

Disposal Method	Transportation
CONSULT LOCAL AUTHORITIES FOR LOCAL REGULATIONS REGARDING CLEAN UP AND DISPOSAL OF ETHYLENE GLYCOL	

Regulations

--

Toxicology Information

--

Ecological Information

--