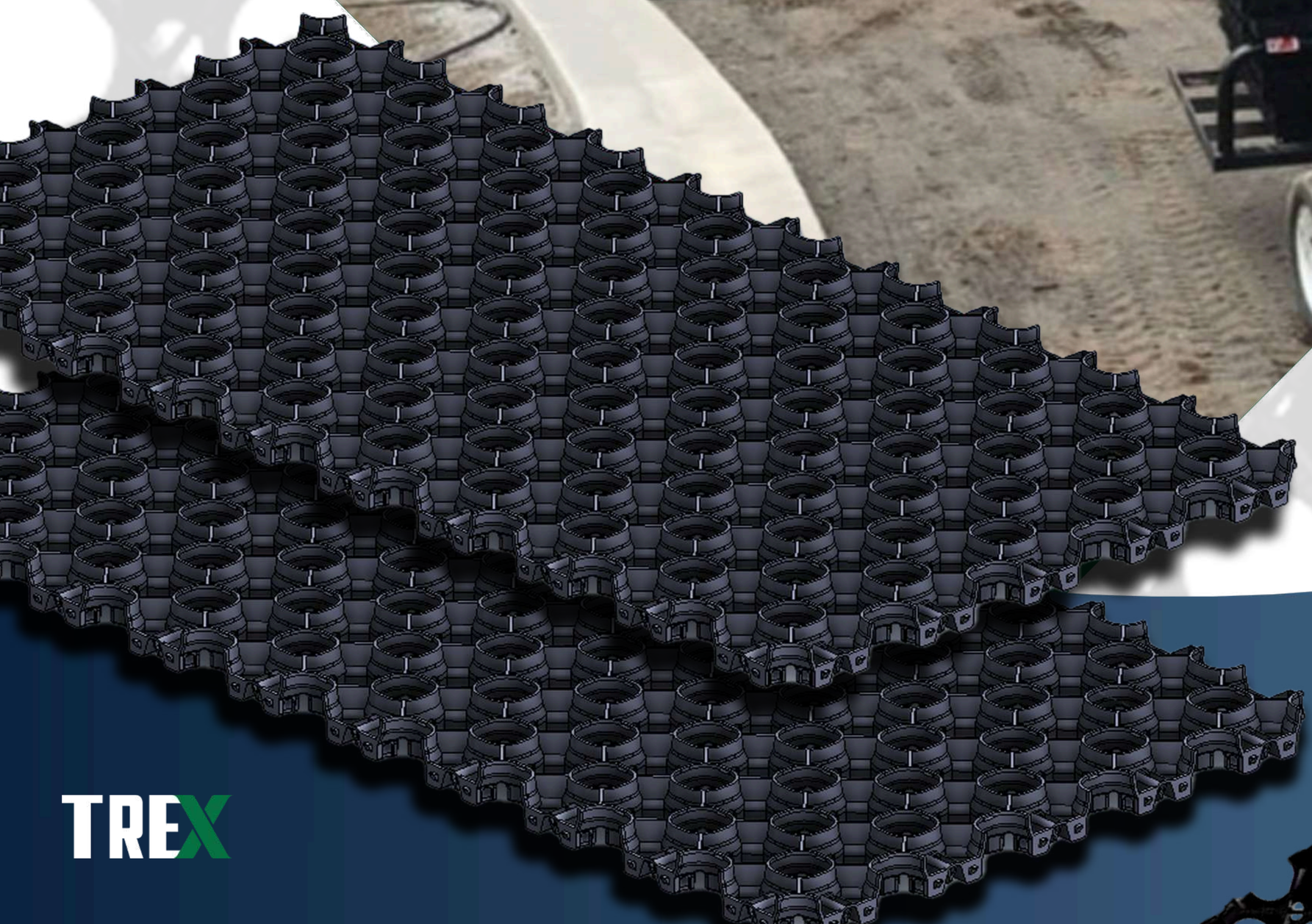
TREXLOK

Material Data
Safety Sheet



TREX

Section 1:

General Information

Chemical Name & Synonyms	Polypropylene Copolymer Resin
Trade Name & Synonyms	
Chemical Family	
Formula	
Proper DOT Shipping Name	
Dot Hazard Classification	

Section 2:

Ingredients

Principal Components	Polypropylene
Percent	>99%
Threshold Limit Value (Units)	10mg/m3 (total dust)

Section 3:

Physical Data

Boiling Point (Deg. F.)	NA
Specific Gravity (H2O=1)	.90-.91
Vapor Pressure (mm Hg)	NA
Percent Volatile by Volume (%)	NA
Vapor Density (Air=1)	NA
Evaporation Rate (Air=1)	NA
Solubility in Water	NA
pH	No data
Appearance & Odor	Solid, no odour
Symptoms of Exposure	
Medical Conditions Aggravated by Exposure	
Primary Route(s) of Entry	
Emergency First Aid	

Section 4:

Fire & Explosion Hazard Data

Flash Point (Test Method)	>260 C (500F)
Auto Ignition Temperature	388 C (735F)
Flammable Limits	NA
LEL	NA
UEL	NA
Extinguishing Media	Water, Foam, Carbon Dioxide, Dry Chemical
Special Fire Fighting Procedures	Slow burning plastic that emits a dense black smoke. Firefighters should wear a self-contained breathing apparatus and protective clothing.
	Unusual Fire & Explosions Hazards Dusts is flammable when finely divided (less than 200 mesh) and suspended in air. Combustion products may be hazardous.

Section 5:

Health Hazard Data

OSHA Permissible Exposure Limit	M3 total dust, 5 mg/ m3 respirable dusts.
ACGIH Threshold Limit Value	10 mg/m3 total dust
Carcinogen – NTP Program	No
Carcinogen – IARC Program	No
Symptoms of Exposure	Polypropylene heated to 371.11 C (700 F) can irritate the respiratory tract.
Medical Conditions Aggravated by Exposure	None known, seek medical attention if constant irritation occurs. If thermal decomposition occurs, upper respiratory, eye, nose and throat irritation may result.
Primary Route(s) of Entry	Inhalation of particulates.
Emergency First Aid	Molten materia: If molten material comes in contact with the skin, cool under running water. Do not attempt to remove the molten material from the skin. Seek medical attention immediately.

Section 6:

Reactivity Data

Stability	[ ] Unstable [×] Stable
Incompatibility	Hazardous [ ] May occur Polymerization [×] May not occur
Conditions to Avoid	None Known
Materials to Avoid	Strong oxidizing agents
Conditions to Avoid	None Known

Section 7:

Environmental Protection

Procedures

Spill Response	Sweep for disposal or reuse
Waste Disposal (Incineration or Landfill)	Dispose of in accordance with Federal, State and Local regulations.

Section 8:

Special Protection

Information

Eye Protection	Glasses with side shields
Skin Protection	Use insulated gloves when handling molten material
Respiratory Protection (Specific Type)	NIOSH approved dust respirator recommended. If material is being burned wear an organic respirator.
Ventilation Recommended	Local ventilation in dusty conditions, or if thermal decomposition occurs.
Other Protection	Gloves and protective garments when handling molten material

Section 9:

Special Precautions

Hygienic Practices in Handling & Storage	Wash with soap and water
Precautions For Repair & Maintenance of Contaminated Equipment	Eliminate ignition sources.
Other Precautions	Avoid excess breathing of vapours, fumes or smoke that may be released during thermal processing. Store in a sprinkler protected warehouse. Natural Homopolymer Polypropolene will burn if ignited.
NFPA Code	Fire 1, Health 0, Reactivity 0
HMIS Code	Fire 1, Health 0, Reactivity 0

Section 10:

Regulatory Information

OSHA Status	Polypropolene is not considered hazardous under OHSA
TSCA Inventory Status	All ingredients are listed
CERCLA Reportable Quantity (RQ)	None Section 302/304.No extremely hazardous substances Section 311/312. No reporting requirements although it is suggested that storage of >10,000 lbs of polypropylene in one facility should be listed on a Tier II report. Section 313: No reporting requirements.