



MATERIAL SAFETY DATA SHEET
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SECTION I

PRODUCT NAME AND SYNONYMS: BRITETEK REINFORCED MEMBRANE

CHEMICAL FAMILY: Polyolefinic Copolymer With Flame Retardant
 PRODUCT USE: Molecular Bonded Polyolefin Roof Membrane FORMULA: Mixture

SECTION II(A) HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	%	PEL (ppm)		SKIN DESIGNATION	LD ₅₀ OF INGREDIENT (SPECIFY SPECIES & ROUTE) (mg/kg)	LC ₅₀ OF INGREDIENT (SPECIFY SPECIES) (ppm/4H)
			TWA	STEL CEILING			
Brominated Diphenyl Ether	Not Available	< 5	15mg/m ³ (as dust)		None	orl-rat:>5,000	Not Available
Antimony Trioxide	1309-64-4	< 5	0.5mg/m ³		None	orl-rat:34,600	Not Available
Titanium Oxide	13463-67-7	< 5	5mg/m ³ (as dust)		None	orl-rat:24,000	rat: ALC:> 6,820
Aluminum Hydroxide	21645-51-2	< 1	2mg (AL)/m ³		None	ipr-rat: LDLo:150	Not Available
Amorphous Silica	112926-00-8	< 1	6mg/m ³ (as dust)		None	Not Available	Not Available
Carbon Black	1333-86-4	< 3	3.5mg/m ³ (as dust)		None	Not Available	Not Available
Flame Retardant	Not Available	< 8	N/E	N/E	N/E	None	Not Available

N/A = Not Applicable N/E = Not Established H = Hours

SECTION II(B) ADDITIONAL INGREDIENTS (>3%)

Ingredients: Polyolefinic Copolymers - CAS # Not Available
 Rubber Modifiers - CAS # Not Available
 Stabilizers - CAS # Not Available

SECTION III PHYSICAL DATA

Physical State	Odor And Appearance	VOC (grams/liter)	Odor Threshold (ppm)	Vapor Pressure(mm Hg)
Solid	White-on-black sheet; slight waxy odor.	N/A	N/A	N/A
Vapor Density (AIR=1)	Evaporation Rate (nBuAc=1)	Boiling Point(°C)	Freezing Point (°C)	pH
Heavier than air	N/A	N/A	>120°C	N/A
Specific Gravity	Coeff Water/Oil Dist	Solubility In Water	Volatiles By Wt (%)	Corrosivity
1.00 White 0.92 Black	N/A	Negligible	<0.4	N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability: Yes No X - If Yes, Under Which Conditions?

Flashpoint (°C) And Method Autoignition Temperature (°C) Lower Flammable Limit (% By Vol) Upper Flammable Limit (% By Vol)
 Above 329°C Setckin >357°C N/E N/E

Hazardous Combustion Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, bromine compounds, antimony compounds, nitrogen oxides and other unidentifiable organic compounds may be released in a fire.

EXPLOSION DATA:

Sensitivity To Impact: None known
Sensitivity To Static Discharge: None known
Extinguishing Media: Water spray, dry chemical, foam, or carbon dioxide.

Special Fire Fighting Procedures: Standard procedures for Class A fires. Use self-contained breathing apparatus (SCBA) and protective clothing for structural fire fighting.

Unusual Fire And Explosion Hazards: High temperature may liberate toxic gases. Do not breathe smoke or fumes.

SECTION V - REACTIVITY DATA

Chemical Stability: Stable Hazardous Polymerization: Will not occur.
Conditions To Avoid: Open flames.
Incompatibility (Materials To Avoid) Any strong oxidizing agent.
Hazardous Decomposition Products: Toxic gases or vapors, such as carbon monoxide, carbon dioxide, bromine compounds, antimony compounds, nitrogen oxides and other unidentifiable organic compounds may be released in a fire.