

TRI-BUILT[®] Modified SBS Granular

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME:	TRI-BUILT [®] SBS Granular	Distributed By:	TRI-BUILT [®] Materials Group
CHEMICAL NAME:	Mixture		
MANUFACTURER:	Polyglass USA, Inc.	ADDRESS:	15 East Union Ave., East Rutherford, NJ 07073
ADDRESS:	1111 West Newport Center Drive, Deerfield Beach, FL 33442	PHONE:	1-800-516-1485
PHONE:	(888) 410-1375	INTERNET:	www.tribuiltmaterialsgroup.com
EMERGENCY PHONE:	800-424-9300 Chemtrec		
EFFECTIVE DATE:	8/7/2014		
Signature of Preparer:	W. Rammacher / Allied Building Products Corp.		

SECTION 2 - PRODUCT INGREDIENT

INGREDIENT NAME	COMMON NAME	CAS number	% Weight	Exposure Limit (OSHA)	Exposure Limit (ACGIH)
Petroleum Asphalt	Asphalt	8052 42 4	45.2 - 45.3	5 mg/m ³ PEL	5 mg/m ³ TLV (as fume)
Calcium Carbonate	Limestone	1317 65 3	18.1 - 19.7	5 mg/m ³ PEL (Respirable) 15 mg/m ³ PEL (Total)	3 mg/m ³ TLV (Respirable) 10 mg/m ³ TLV (Total)
Styrene Butadiene Styrene	SBS Rubber	9003-55-8	5.4 - 5.9	Not established	Not established
Non-woven Polyester	Polyester mat	None assigned	0 - 3.2	Not established	Not established
Continuous Filament glass fiber	Fiberglass mat	65997 17 3	0 - 1.8	5 mg/m ³ PEL (Respirable) 15 mg/m ³ PEL (Total)	1 fiber/cc TLV 5 mg/m ³ TLV (Total)
Crystalline silica, Quartz	Sand	14808 60 7	0 - 6.2	0.1 mg/m ³ PEL (Respirable)	0.1 mg/m ³ TLV (Respirable)
Crushed Mineral	Roofing granules	None assigned	21.6 - 23.3	Not established	Not established

SECTION 3 - PHYSICAL/CHEMICAL DATA

PROPERTIES	UNIT	
Appearance	N/A	Black roll
Boiling point deg	F	
Evaporation Rate	N/A	
Flash Point	deg F	
Melting Point	deg F	
Odor	N/A	Mild asphalt/petroleum odor
Ph (undiluted product)	N/A	
Saturation in air	%	
Solids Content	N/A	
Specific gravity	g/cc	1.02 - 1.30
Vapor Density	Air = 1	
Vapor Pressure	N/A	
Viscosity	cP	
VOC	g/liter	
Volatility	%	
Water solubility	%	

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY PROPERTIES	
Flash point	>430 deg F (ASTM D92)
Lower Explosive	Limit Undetermined
Upper Explosive	Limit Undetermined
RECOMMENDED EXTINGUISHING MEDIA	
Dry chemical, foam, water fog, CO2	
UNUSUAL FIRE OR EXPLOSION HAZARDS	
Burning will produce black smoke	
SPECIAL FIRE FIGHTING PROCEDURES	
Wear self contained breathing apparatus	

SECTION 5 - HAZARD IDENTIFICATION

ACUTE HEALTH EFFECTS	
Irritation of eye, nose, throat, and skin	
CHRONIC HEALTH EFFECTS	
Insufficient evidence of cancer induced by exposure to asphalt fumes. The International Agency for Research on Cancer (IARC) considered Crystalline Silica as a human carcinogen. Prolonged exposure to Crystalline Silica containing dust can lead to Silicosis. Continuous filament glass fibers are not classified as Carcinogens. However no significant health hazards are likely to occur due to the product form and nature of use.	
Upper respiratory system	
MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED	
Pre-existing respiratory conditions	
SIGNS/SYMPTOMS OF OVEREXPOSURE	
Inhalation	Headache, nausea, coughing, irritation of the upper respiratory system
Skin Contact	Burns caused by contact with hot material
Skin absorption	Not applicable
Ingestion	Not intended to be ingested
Eye Contact	Irritation/redness may occur

SECTION 6 - FIRST AID PROCEDURES

INHALATION
Remove affected person to fresh air
SKIN CONTACT
Rinse with cool water
SKIN ABSORPTION
Not applicable
INGESTION
Do not induce vomiting. Treat symptomatically.
EYE CONTACT
Flush with copious quantities of water. Consult a physician if irritation persists.

SECTION 7 - STABILITY/REACTIVITY DATA

SUMMARY
Material is stable. Hazardous polymerization will not occur.
CHEMICAL INCOMPATIBILITIES
Strong oxidizing agents, strong acids and alkalines.
CONDITION TO AVOID
Strong oxidizing agents at elevated temperatures and uncontrolled fumes.
THERMAL STABILITY
Stable

SECTION 8 - HANDLING, USE AND DISPOSAL

PROCEDURES FOR SPILLS/LEAKS
Not applicable
WASTE DISPOSAL METHOD
Standard refuse disposal. Wastes are classified as non-hazardous by U. S. Environmental Protection Agency (EPA) and as per definition by Resource Conservation and Recovery Act (RCRA). Follow all local, state, and federal regulations governing waste disposal. Use protective equipment as described in Section IX. Keep away from heat or flame and protect from the elements.
HYGIENIC PRACTICE
Wash after any skin contact.

SECTION 9 - EXPOSURE CONTROL/PERSONAL PROTECTION

EYE
Wear safety glasses with side shields.
SKIN
Wear leather or cotton gloves (impervious)
VENTILATION
Although normal conditions of product use does not warrant any special ventilation, use in well ventilated area.
RESPIRATORY
None required unless used with hot asphalt. Use breathing apparatus (only NIOSH approved) when PEL/TLV is exceeded.
OTHER PRACTICES
None

SECTION 10 - TRANSPORTATION

Shipping	name Not regulated as a hazardous material for transport
Labeling	Not applicable
Labeling Required	None required
Hazard Class	Not applicable

SECTION 11 - MISCELLANEOUS INFORMATION

COMMENTS
Sand is applied as an anti-sticking agent to the membrane. Calcium carbonate is used as a compound stabilizer and is encased in the asphaltic matrix. Fibrous glass filaments are encapsulated in modified asphalt coating. Due to the nature of the specific use of these products, hazardous exposures are highly unlikely; however all relevant data has been provided for reference.
ADDITIONAL INFORMATION
Contact TRI-BUILT® Materials Group 800-516-1485
MSDS REVISION SUMMARY
Revision Date: 8/5/2014 Reason for Change: New format, Logo Update
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