

PlayMax Surfacing, Inc.  
MATERIAL SAFETY DATA SHEET

SBR Rubber Buffings and/or Granules

PlayMax Surfacing, Inc.

PO Box 77372

Corona, CA 92877

Phone: (951) 250-6039 Fax: (951) 356-6550

MATERIAL

MATERIAL (CAS)	WT%	OSHA PEL	(ACGIHTLV)
Vulcanized Rubber Compound	Approx. 99%	N/A	N/A
Talc (Hydrous Magnesium Silicate)	Less than 4%	2.0 mg/m3	2.0 mg/m3

**FLASH POINT:** Ignition temperature of dust cloud 320 degrees Centigrade (608 F) approximately

**FLAMMABLE LIMITS**

HAZARDOUS INGREDIENTS

PRODUCT IDENTIFICATION/CHEMICAL & PHYSICAL CHARACTERISTICS

<b>PRODUCT NAME:</b>	SBR Rubber Buffings and/or Granules	<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>APPEARANCE:</b>	Black shredded rubber	<b>ODOR:</b>	Slight smell of vulcanized rubber
<b>SPECIFIC GRAVITY:</b>	1.0 - 1.15	<b>MELTING POINT:</b>	N/A
<b>VAPOR PRESSURE:</b>	N/A	<b>VAPOR DENSITY:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A	<b>BOILING POINT:</b>	N/A

FIRE AND EXPLOSION HAZARD DATA

<b>LEL-.025OZ/CU.FT.*</b>	<b>UEL:</b> N/A
<b>EXTINGUISHING MEDIA:</b>	Water, foam, dry powder, encapsulating fire Suppressant (DO NOT USE HIGH PRESSURE WATER).
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Noxious gasses may be formed under fire conditions. West NIOSH approved self-contained apparatus.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Dust may be explosive if mixed with air in critical proportions and in the presence of an ignition source. The hazard is similar to that of many organic solids.

\*Estimates based on the NPFA Fire Protection Book

### HAZARDOUS INGREDIENTS HEALTH HAZARD DATA

<b>STABLE:</b> Yes	<b>CONDITIONS TO AVOID:</b> Conditions that will cause burning.
<b>INCOMPATIBILITY:</b> (Materials to avoid)	Avoid strong oxidizing agents.
<b>HAZARDOUS DECOMPOSITION OF BY PRODUCTS:</b>	Thermal decomposition may produce carbon monoxide, carbon dioxide, zinc oxide fumes / dust, sulfur dioxide, liquid and gaseous hydrocarbons.
<b>HAZARDOUS POLYMERIZATION:</b> Will not occur	<b>CONDITIONS TO AVOID:</b> Do not store hot materials in Hoppers due to possibility of spontaneous combustion.
<b>ROUTES OF ENTRY:</b>	Inhalation
<b>HEALTH HAZARDS:</b> (Acute and Chronic)	This product can contain fibers that may cause itching, otherwise not known. This material is generally thought to be a nuisance dust.
<b>CARCINOGENICITY:</b>	Rubber is not listed as a carcinogen.
<b>SIGNS AND SYMPTOMS OF EXDPOSURE:</b>	Itching of skin, irritation of mucous membranes, Sneezing and coughing, irritation of eyes.
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b>	Not known, however could potentially aggravate allergies due to dust exposure.
<b>EMERGENCY AND FIRST AID PROCEDURES</b>	Normal washing of skin with soap and water. Ordinary means of personal hygiene are appropriate.

### PRECAUTIONS FOR SAFE HANDLING AND USE

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:</b>	<b>LOCAL EXHAUST:</b> Yes, if dusty conditions occur.
<b>WASTE DISPOSAL METHOD:</b>	Product not defined as hazardous waste. Dispose of in accordance with federal, state and local regulations.
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:</b>	Do not store near flame or ignition source. Do not store hot material in tubs or containers where spontaneous ignition could occur.
<b>OTHER PRECAUTIONS:</b>	If material burns, an oily residue will result. This residue must be disposed of in accordance with federal, state and local regulations.
<b>RESPIRATORY PROTECTION:</b>	Use any dust and mist respirator noted for up to 10 mg/m3.

### CONTROL MEASURES

<b>VENTILATION:</b> Yes	<b>LOCAL EXHAUST:</b> Yes, if dusty conditions occur.
<b>SPECIAL:</b> None	<b>MECHANICAL (General):</b> Dust collector and exhaust fans.
<b>PROTECTIVE GLOVES:</b> Recommended	<b>EYE PROTECTION:</b> Use safety goggles to prevent dust entry.
<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b>	Enough fresh air should flow past the user to prevent exposure to airborne fibers and particles.
<b>WORK / HYGEINE PRACTICES</b>	Good personal hygiene; frequent washing with soap and water of exposed areas; remove and clean soiled clothing.

The information contained in this MSDS is consistent with the U.S. Department of Labor OSHA Form OMB 1218-0072. Consult OSHA Hazard Communications Standard 29 CFR 1910.1200 for additional information. To fully understand the use of any material the user should avail themselves of reference material and expert consultation in the fields of fire protection, ventilation and toxicology.