

<b>CASTER, S.A.</b>	<b>SAFETY DATA SHEET</b>	M.S.D.S.	
		ARTICLE >> RESIN RUBBER	
		DATE <b>AUGUST 30TH, 2019</b>	
		PÁGE <b>1</b> OF <b>7</b>	
<b>&gt;&gt; RESIN RUBBER</b>			
<b><u>1.- COMPANY AND PRODUCT IDENTIFICATION</u></b>			
<b>Company Name:</b> CÁSTER, S.A. <b>Adress:</b> Manuel de Falla nº4; Elche Parque Empresarial 03203 Elche (Alicante) <b>Phone:</b> 965683822 <b>Fax:</b> 965683765			
<b><u>National Institute of Toxicology: 915620420 (emergencies)</u></b>			
Product data: <b>Comercial name:</b> >> <b>Chemical name:</b> VULCANIZED STYRENE BUTADIENE RUBBER <b>Synonymes:</b> SYNTETIC GUM			
<b><u>2.- COMPOSITION</u></b>			
<b>General Composition:</b> Mixture of styrene-butadiene rubber (SBR) with Silica filler and additives, vulcanized with sulphur.			
<b>Hazardous components:</b> None			
<b><u>3.- HAZARDS IDENTIFICATION</u></b>			
<b>Physical-chemical:</b> Risk of explosion of sand dust in the air in presence of ignition sources, as any other organic dust.			
It does not float in water, it can clog water intakes.			
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<p><b>. Toxicological (symptoms)</b></p> <p>- <b>Inhalation:</b> The product does not release vapours, the only risk is inhaling the sand dust, which could cause difficulty breathing.</p> <p>- <b>Ingestion:</b> none</p> <p>- <b>Skin-Eye contact:</b> The sand dust may cause eye discomfort.</p> <p><b>. 4 - FIRST AID</b></p> <p>- <b>Inhalation of sand dust:</b> Move person to fresh air.</p> <p>- <b>Eye contact with sand dust:</b> With the eyelid open wash thoroughly with water.</p> <p><b>. 5 - FIRE FIGHTING MEASURES</b></p> <p><b>Extinguishing Measures:</b> Dry chemical powder, CO<sub>2</sub> and water fog.</p> <p>-<b>Combustion products:</b> CO<sub>2</sub> and H<sub>2</sub>O (complete combustion). CO, volatile acids soot, aldehydes, ketones and hydrocarbons (incomplete combustion).</p> <p><b>Special Measures:</b> none</p> <p>-<b>Special Hazards:</b> none</p> <p><b>Protective Equipment:</b> Gloves and heat-resistant suits. Self-contained Breathing equipment because heavy fumes are produced.</p> <p><b>6.- ACCIDENTAL RELEASE MEASURES</b></p> <p>-Precautions for the environment: Avoid spillage of the product into public areas not intended for it.</p> <p>-Detoxification and cleaning: collect mechanically and put in a suitable container.</p> <p>Personal Precautions: none.</p> <p>Personal-Protection: In areas with lots of sanding dust material in air, wear protective goggles and respiratory protection mask.</p>		
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<p><b><u>7 - HANDLING AND STORAGE</u></b></p> <p><b>Handling:</b></p> <p>General precautions: Use a suction equipment powerful enough to drive all the sand powder into a suitable container. All the pneumatic transport equipment must be electrically grounded. No smoking during this operation and avoid sources of ignition.</p> <p>Specific conditions: Install efficient local ventilation system and use protection mask.</p> <p>Uses: Manufacture of shoe soles.</p> <p><b>Storage:</b></p> <p>Temperature and decomposition products: Not applicable under normal storage conditions.</p> <p>Hazardous reactions: None</p> <p>Storage Conditions: Store at room temperature and protected from direct sunlight in a cool and well-ventilated place, away from hot pipes and sources of ignition.</p> <p><b><u>8.-EXPOSURE CONTROLS / PERSONAL PROTECTION</u></b></p> <p>Personal Protective Equipment: None</p> <p>General precautions: None</p> <p>Hygienic Work Practices: In sand areas: The usual in handling of inert dust.</p> <p>Exposure controls: None</p>			
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<p><b>9.- PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p><b>Appearance:</b> Solid sheet.</p> <p><b>Colour:</b> Various colours according to orders: Black, Brown, Honey.</p> <p><b>Boiling point:</b> N.R.</p> <p><b>Flash Point / flammability:</b> N.R.</p> <p><b>Explosive properties:</b> N.R.</p> <p><b>Pressure Steam:</b> N.R.</p> <p><b>Surface tension:</b> N.R.</p> <p><b>Density of steam:</b> N.R.</p> <p><b>Solubility in water:</b> Insoluble.</p> <p><b>pH:</b> N.R.</p> <p><b>Odor:</b> No odor.</p> <p><b>Melting range:</b> N.R.</p> <p><b>Self flammable:</b> N.R.</p> <p><b>Oxidizing properties:</b> N.R.</p> <p><b>Density:</b> 1200 kg/m3</p> <p><b>Coef.of distribution n-octanol/water:</b> N.R.</p> <p><b>Heat of combustion:</b> N.R.</p> <p><b>Solubility:</b> N.R.</p> <p><b>10.-STABILITY AND REACTIVITY</b></p> <p><b>Stability:</b> Stable at room temperature.</p> <p><b>Incompatibilities:</b> None.</p> <p><b>Conditions to avoid:</b> Direct sunlight, high temperatures (over 50 ° C) and sources of ignition.</p> <p><b>Hazardous products of decomposition / combustion:</b> Thermal decomposition from 220 ° C. Complete combustion produces CO<sub>2</sub> and H<sub>2</sub>O. Incomplete combustion produces CO, soot, aldehydes, ketones and hydrocarbons.</p> <p><b>Risk of polymerization:</b> None.</p>		
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<div>11.-TOXICOLOGY</div> <div>Routes of entry: Inhalation. Ingestion is not likely. Acute and chronic effects: None. Carcinogenicity: No data available. Toxicity for reproduction: No data available. Medical conditions aggravated by exposure: Inhaling sand dust continuously can cause respiratory problems.</div> <div>12.-ECOLOGICAL INFORMATION</div> <div>Potential pollutant: Persistence and degradability: Hard biodegradation, high persistence in the environment. Mobility and bioaccumulation: Very unlikely due to the high molecular weight.</div> <div>Effect on the environment / eco toxicity: Deterioration of landscape where littering. There are no data on eco toxicological effects.</div> <div>13.-DISPOSAL CONSIDERATIONS</div> <div>Product Disposal methods (surplus): Always recycle. Waste: Elimination: Controlled burning. Handling: Bags in strapped and labelled pallets. Regulations: establishments and companies dedicated to recovery, elimination, transport or handle of waste shall fulfil the regulations of Directive 91/156/EEC relative to waste management or other local, national or community regulations.</div>		
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<p><b><u>14.-TRANSPORT</u></b></p> <p><b>Special precautions:</b> Stable at room temperature during transport. Do not expose to direct sunlight.</p> <p><b>Further information:</b>          ONU Number/ hazard identification number: N.R.          ADR / RID: N.R.          IATA-DGR: N.R.          IMDG: N.R.</p> <p><b><u>15.-REGULATORY INFORMATION</u></b></p> <p>Classification: N.R.          Labelled: N.R.          Other regulations: N.R.</p> <p><b><u>16.-OTHER INFORMATION</u></b></p> <p>Abbreviations used:          SBR: Styrene Butadiene rubber          N.R.: Not relevant.          EEC: European Economic Community.          CAS: Chemical Abstract Service</p> <p>With the preceding data, that correspond to the current state of our knowledge and experience, we describe our product regarding possible safety requirements.          This, should not be understood as a guarantee of characteristics or description of quality.</p>			
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