	Material Safety Data Sheet	Version 01/2015

1. Identification

1.1. Description: EPDM T 100 EP

1.2. Supplier: TOVO GOMMA SPA, 25081 BEDIZZOLE (BRESCIA) ITALY
Tel: 030 6875011
Fax: 030 6873661

2. Composition / Information on Ingredients

Dangerous Components: None, Conform to REACH and ROHS directive

3. Hazards Identification

Hazards classification: Not applicable for the classification standard. However, a careful attention should be required because material gives similar alkaline degree in 0.5% alkaline aqueous solution in case its pH value indicates more than 11.

4. First Aid Measure

First Aid – Eyes	Wash eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if ill effect or irritation develops.
First Aid – Skin	Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed. Thoroughly clean and dry contaminated clothing and shoes before reuse.
First Aid - Ingestion	If a large amount is swallowed, get medical attention
First Aid – Inhalation	Move to fresh air in case of accidental inhalation of dust and fumes of dust or fumes from overheating or combustion. Consult a physician after significant exposure.

5. Fire Fighting Measures

Extinguishing Media	Use water spray, foam, dry chemical. Keep packaging and surroundings cool with water spray.
Specific Hazards ○ Solid	Treat the material as a solid that can burn
○ Combustion Products	CO, CO_2, H_2O, Hydrogen Chloride, Sulphur dioxide, low molecular weight products various hydrocarbons, aldehydes, alcohol's, dense black smoke
○ Protection of Fire Fighters	Full emergency equipment with self-contained breathing apparatus should be worn to protect fire fighters from any hazardous decomposition or combustion products.

6. Accident Release Measures

Personal Precautions	Prevent release of dust during grinding by use of filters. Protect skin, eyes and hands (see section 8)
Environmental Precautions	For disposal considerations (see section 12)
Cleaning Up Methods	Use suitable industrial vacuum cleaners to suck up crumbs of dust. Shovel or sweep up spilt material. Avoid generation of dust clouds. Put into containers for reclaiming or disposal.

7. Handling and Storage

Handling:
Use only in a well-ventilated place. The use of local ventilation is recommended for preventing odor problem Protective gloves and goggles must always be worn to avoid direct skin and eye contact. For smoking or eating after handing, wash hands thoroughly and rinse out mouth prior to eating.

Storage:
Storage under utmost frozen or direct sunlight condition is avoided to maintain the longer product quality. If possible, keep in a cool and dark place at temperature from -5℃ to 40℃.

7.1 Handling Precaution

General Precautions	Avoid contact with hot materials.
Personal Protection	For information on personal protection when handling see section 8.
Hygienic Precautions	Adequate washing facilities with supplies of mild soap and hand cleaner should be available at all working locations. Smoking, eating and drinking in
Advice on Technical Matters	
Ventilation: General Mechanica	A power ventilation system should be installed where: Blocks, sheets are being ground
Prevention of dust generation. Handling	When handling blocks dust will not normally occur. During grinding dust can be generated. The use of an approved dust mask is advised.
Filtering	Take the utmost care to prevent dust explosion and apply proper local grounding
Prevention of Fire and Explosion	See Section 7.2

7.2 Storage

Storage Accommodation	The storage area should be clean, dry and properly ventilated.
Temperature	The storage area should preferably be between 10°C and 30°C

8. Exposure Control / Personal Protection

Respiratory Protection	Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use. Any air-purifying half-mask respirator equipped with organic vapor cartridge(s) in combination with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100. Any air-purifying full-facepiece respirator (gas mask) with a chin-style, front-mounted or back-mounted organic vapor canister having an N100, R100, or P100 filter. Any powered, air-purifying respirator with a tight-fitting facepiece, organic vapor cartridge(s) and high-efficiency particulate filter(s). Any supplied-air respirator with a full facepiece that is operated in a pressure- demand or other positive-pressure mode.
Hand Protection	Protective gloves are recommended during handling.
Eye Protection	Safety glasses are recommended if dust is generated from grinding.
Skin and Body Protection	Wear appropriate chemical resistant clothing.

9. Physical and Chemical Properties

Physical State	Cellular Material
Form	Blocks, Sheets, Rolls
Odor	-
pH Value	N/A
Melting Point/Range	N/A
Softening Point/Range	N/A
Viscosity	N/A
Boiling Point/Range	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Evaporation Rate	N/A
Solubility in water	Insoluble
Safety Properties	-
Dust Explosive Properties	Dust explosion is possible if material is ground into fine dust.

10. Stability and Reactivity

Conditions to Avoid	Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials
Dust Formation	Dust formation is unlikely to occur. During grinding of the blocks dust explosion danger can arise when small particles are formed.
Electrostatic Charging	Whenever small particles are transported, (pneumatic transport systems, ventilation systems, etc.) apply proper local grounding to prevent buildup of static electricity.
Gas/Vapor Air Mixtures	N/A
Processing Temperatures	Do not exceed 100°C. Long term high temperatures (300°C) will cause degradation of the material with chances of ignition.
Long Term Exposure	No special precautions are necessary.
Materials To Avoid	N/A
Changes In Physical Appearance	Degradation will occur only at extreme temperatures (above the decomposition temperature).

11. Toxicological Information

Acute toxicity	None Known
Local Effects	None Known
Chronic Short and Long Term Toxicity	None Known
Sensitization	None Known
Specific Effects (carcinogenicity, mutagenicity, teratogenicity, narcosis)	No Known

12. Ecological Information

Mobility	No data available
Persistence / Degradability	Not biodegradable.
Bioaccumulation	No data available
Ecotoxicity	There is no sign that this material is a risk to the environment
Aquatic Toxicity	This material is insoluble in water.

13. Disposal Consideration

The disposal of this material presents no toxic or ecological hazard. It can be burnt under controlled conditions or be disposed of in landfills, or be recycled, all according to local legislation

14. Transport Information

ADR/RID – Class	Not Classified
IMDG – Class	Not Classified
IATA – Class	Not Classified

15. Regulatory Information

Labelling	No labelling required under EC-Directive 88/379/EEC 93/21 Annex VI
EEC Classification	Not a dangerous preparation
Note: Additional national legislation relevant to this matter may be in force.	

16. Other information

This data sheet was prepared in accordance with Directive 93/112/EC (91/155/EEC)
This material is not recommended for use in contact with foodstuffs