



## **MATERIAL SAFETY DATA SHEET**

### **ANIMAT RUBBER MATS**

#### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Animat rubber mats  
Use : Recycled rubber mat use for floor covering  
MSDS code: ANI FS 001-01E  
CAS number : not applicable  
Revision date : August 9<sup>th</sup> 2005  
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Canada  
Phone: (819) 821-2091

Emergency: Animat (8h00 to 17h00) (819) 821-2091  
Canutec (Canada, 24h.) (613) 996-6666  
Chemtrec (USA., 24h.) (800) 424-9300  
Poison Control Center (Québec) (800) 463-5060

#### **EMERGENCY NOTE**

Under normal use, this product is not expected to create any health hazard. In case of fire, this product can produce a dense smoke and substances suspected to be toxic such as hydrocarbons and sulphur products.

## SECTION 2. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

Compound name	CAS number	% weight	Exposure limit (ACGIH)	
			TLV-TWA	TLV-STEL
<b>Recycled rubber</b> (from vehicle tires, containing natural and synthetic rubber, carbon black and chemical additives)	Not applicable	95 à 98%	Not established	Not established
<b>Sulphur</b>	7704-34-9	2 à 5%	Not established	Not established

Note : ACGIH : American Conference of Governmental Industrial Hygienists; TLV-TWA: Threshold Limit Value – Time Weight Average; TLV-STEL : Threshold Limit Value – Short Term Exposure Limit

## SECTION 3. POTENTIAL HEALTH EFFECTS

**Short Term Exposure :** under normal use, this product doesn't represent a risk for health. If it is heated, it can cause burns, produce a dense smoke that can cause respiratory irritation and may contain toxic substances such as polycyclic aromatic hydrocarbons, benzene and its derivatives, phenols et butadienes. Some of these substances are carcinogenic for humans.

**Long Term Exposure :** under normal use, this product doesn't represent a risk for health.. There are not data available on the carcinogenic, teratogenic and mutagenic effect

## SECTION 4. FIRST AID

General first aid, no particular procedure is required.

## SECTION 5. FIREFIGHTING MEASURES

**Inflammability :** not applicable

**Explosion Data :** not applicable

**Flash Point :** not applicable

**Auto Ignition Température :** between 550 et 650 F (285-345 C)

**Fire hazards :** under normal use, this product doesn't represent any risk of fire or explosion.

**Extinguishing Media :** water, foam, CO<sub>2</sub>, dry chemical, sand

**Firefighting Risks :** combustion of the product will produce heat and dense smoke.. Smoke can be irritating for respiratory tract and eyes. An incomplete combustion could happen and produce oils, carbon black and some hydrocarbons. Some of the substances produced during complete or incomplete combustion may be toxic and carcinogenic for humans.

**Firefighting Instructions :** evacuate area, wear self-contained breathing apparatus and appropriate protective clothing. During fire, thermal decomposition of the product may produce toxic emission for health.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

No danger is associated with a spill of the product.

## SECTION 7. HANDLING AND STORAGE

**Handling :** no special care.  
**Storage :** the product must be protected from flames and petroleum products such as oils and greases.

## SECTION 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

**Hands :** wear resistant gloves  
**Eyes :** if needed  
**Feet :** if needed  
**Body :** if needed  
**Respiration :** under normal condition of use, respiratory protection should not be required

## SECTION 9. CHEMICAL AND PHYSICAL PROPERTIES

**Appearance :** black rubber mat  
**Odour :** rubber  
**Bulk Density :** 1.15 g/cm<sup>3</sup>  
**Vapour Density :** not applicable  
**Water Solubility :** insoluble  
**Melting Point :** not applicable  
**BoilingPoint :** not applicable  
**Auto-Ignition Température:** between 550 et 650 F (288 à 343 °C)  
**% Volatile Organic Compounds (VOC) :** unknown

## SECTION 10. STABILITY ET REACTIVITY

**Stability :** the product is stable  
**Reactivity Conditions:** avoid excessive heat  
**Incompatibility :** Strong bases, strong oxidizing agents and inorganic acids (Lewis acids)

**Dangerous decomposition products** : CO, CO<sub>2</sub>, H<sub>2</sub>S, H<sub>2</sub>, butadiene, pentadiene, benzene, toluene, xylene, carbon, ashes (ZnO, TiO<sub>2</sub>, SiO<sub>2</sub>, CaO, Mg), sulphur and nitrogen oxides.

**Hazardous Polymerization** : no

## SECTION 11. TOXICOLOGICAL INFORMATIONS

**Recycled Rubber** : no available data  
**Sulphur** : DL<sub>50</sub> (oral, rats) : >5050 mg/kg  
DL<sub>50</sub> (dermal, rats) : >2020 mg/kg  
Inhalation @ 90% LC<sub>90</sub> (rats) : >5.49 mg/L air concentration  
Skin effects (rabbits) : slightly irritating  
Eyes effects (rabbits) slight irritation in unwashed eyes

## SECTION 12. ECOLOGICAL INFORMATIONS

**Environnemental Effects** : no available data

## SECTION 13. PRODUCT DISPOSAL

This product is not an hazardous waste. Consult local authorities to know disposal methods.

## SECTION 14. TRANSPORT INFORMATIONS

This product is not regulated in Canada or USA.

## SECTION 15. REGULATORY INFORMATIONS

This product is not regulated.

The informations contained in this document are, to the best of our knowledge, accurate. We can not guarantee that the risks exposed in this document are the only one related to the product. The supplier named above or any of his societies, can not be responsible for the accuracy or completeness of the informations given in this document. Determination of the product suitability for an application is the responsibility of the user.