

MATERIAL SAFETY DATA SHEET

RUBBER MATS

SECTION VIII PREVENTATIVE MEASURES

Personal Protective Equipment	Use appropriate devices to avoid fumes or skin contact during elevated temperature processing operations.
Gloves, yes, cotton gloves Eye, yes, safety glasses	During emergency conditions thermal decomposition products may present a health hazard. An approved self-contained breathing device should be used.
Engineering controls	Use adequate ventilation, local exhaust
Leak and spill procedure	Reuse material
Waste disposed	Dispose of in accordance with local, state & federal regulations
Handling procedure and equipment	Wear gloves, use good personal hygiene after handling
Storage requirements	Store in cool, dry place (Below 35°C) / 95° F
Special shipping information	Keep trailer cool (Below 38°C) / 100° F

SECTION IX SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing	Normal storage in a cool and dry location. Sprinkler protection advisable. Keep excessive heat, sparks and open flame away from material. This material may contain aromatic/naphthenic oil. Prolonged contact with this oil caused skin cancer in laboratory animals. Practice good personal hygiene.
Other precautions	Exercise normal hygiene. Wash hands after handling. Remove to fresh air when exposed to excessive fumes. Seek medical professional help if ingested. Flush with water if eye contact or skin contact.

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Additional information	Sources used: Toxic Hazards of Chemicals' A.R. Nutt Toxicity & Safe Handling of Rubber Chemicals' Third edition B.R.M.A.
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MATERIAL SAFETY DATA SHEET**RUBBER MATS****SECTION I PRODUCT INFORMATION**

Product identifier	POLYMERIC, CURED RUBBER COMPOUND SBR/NR/BR
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Customer:	San Jamar 555 Koopman Lane Elkhorn, WI 53121
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Manufacturer:	De Ruijter International USA 120 Harvest Drive Coldwater, OH 45828
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SECTION II Composition/Information on Regulated Ingredients

Chemical identify	Conc. (%)	Cas #		
Napthenic oil	0-10 %	64742-52-5		
Zinx oxide	0-15%	1314-13-2		
Distillates, Hydrotreated Heavy Napthenic	0-10 %	64742-52-5		
Non-Airborne Carbon Black	24-40%	1333-86-4		

SECTION III PHYSICAL DATA

Physical State Solid	Odour & appearance rubbery sold; characteristic odour / Odour tresh N/A
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Freezing Point (C) N/A	Coefficient of water/O distribution N/A	Vapour pressure N/A
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Boiling Point (C) N/A	Specific gravity (water=1) 1,15	pH N/A	Vapour density (Air=1) N/A
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Evaporation Rate (RUAE=1) N/A	Percentage moisture (by volume) N/A
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SECTION IV PREPARATION INFORMATION

Prepared by (Group, Department, Etc.) Technical Department	Phone-number 419-678-3909	Date of preparation May 2003 - current
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Page 1 N/A = not applicable

MATERIAL SAFETY DATA SHEET**RUBBER MATS****SECTION V FIRE EXPLOSION HAZARD**

Conditions of flammability	Yes, at temperature greater than 250° (C) / 482° F+D97
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Means of extinction	water/water spray/CO2/ABC dry chemical/ protein type of foam
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Explosion data: Sensitivity to mechanical impact	none	Sensitivity to static discharge	none
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Flashpoint (C) & method	none	Upper flammable limit % N/A	Lower flammable limit % N/A
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Ignition temperature (C) > 240 C	Hazardous combustion products Normal organic combustion products; CO2, CO, Hydrocarbon.
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SECTION VI REACTIVITY DATA

Stability	Stable
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Incompatible materials	None known
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Conditions of reactivity	Excessive heat, over 250° C / 482 ° F
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Hazardous decomposition products	Normal organic combustion products; CO2, CO, Carbon, Water
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SECTION VII TOXICOLOGICAL PROPERTIES

Route of entry					
x	Skin contact		Skin absorption		Eye contact
	Inhalation	x	Ingestion		

Effects of occur exposure to product None known
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Effects of chronic exposure to product Product is solid & ingredients are bound in a polymeric matrix at ambient temperature, therefore risk from overexposure is limited.
