

## TECHNICAL DATA

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THIS CHEMICAL IS  
FORMULATED FOR

**WARNING** INDUSTRIAL USE ONLY

Contact with skin or clothing or other improper handling or use of this product may result in bodily harm or other damage. Before using or mixing the contents with other substances, all labels applied to container, the applicable Technical Data Sheet and Material Safety Data Sheet should be read and specific instructions and precautions followed to assure correct use and personal safety.

# AUSTRATHANE 1276

## CRUMBED RUBBER BINDER

### INTRODUCTION

AUSTRATHANE 1276 is a moisture covering adhesive developed for the production of mats made from re-constituted rubber crumb. It is highly recommended for indoor use due to its low odour. Due to its good colour, it is also recommended in coloured compositions.

AUSTRATHANE 1276 is based on MDI to avoid problems associated with TDI based materials.

### USE:

AUSTRATHANE 1276 is mixed with rubber crumb in a dough mixer or other suitable heavy duty mixer. Mixing is continued until all the rubber is wetted out. Small amounts of water and catalyst may then be added to increase the cure rate of AUSTRATHANE 1276.

The mixture is then transferred to a suitable mould to produce the finished mat. Heat may be used to accelerate the cure.

A typical starting formulation would be:

Rubber Crumb	-	100 pts
AUSTRATHANE 1276	-	20 pts
Water	-	0.2 pts
Catalyst	-	0.02 pts

### TYPICAL PROPERTIES:

Type	: Moisture Curing Adhesive based on MDI
Appearance	: Liquid
Colour	: Light Straw
Specific Gravity	: 1.06
Flash Point	: Not applicable

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Viscosity : 2,000 – 4,000 cps  
Total Solids : 100%  
Coverage : 10m<sup>2</sup>/litre  
Cure time : 12 hours @ 25°C (uncatalyzed)  
Shelf Life : 3 months in unopened containers

### **SAFETY PRECAUTIONS**

Under normal working conditions, no special precautions are required. However, if aerosol formation is possible, or elevated temperatures occur, the following TLV should be noted, and further advice sought:

MDI : 0.02p.p.m

Personnel with a history of asthma should not work with AUSTRATHANE 1276

Drums of AUSTRATHANE 1276 should be kept in a dry place as water will react with AUSTRATHANE 1276 to produce carbon dioxide and subsequent pressure build-up in the drum. Spillages should be absorbed with a suitable oil absorbent and placed in 1% ammonia solution in unsealed drums for 24 hours prior to disposal

Refer MSDS for full details.

### **PACKAGING**

AUSTRATHANE 1276 is available in:

27kg poly bottle  
225kg fixed head drums