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## 1 Identification of preparation and company

- 1.1 Product Identification: **TRIMAT MN1050**
- 1.2 Company Address: TRIMAT Ltd.  
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Brierley Hill  
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ENGLAND
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## 1 Composition/information on ingredients:

- 2.1 Phenolic resin/rubber preparation containing inorganic fillers and fibres.
- 2.2 Classified substances contained in the preparation:

<u>Substance</u>	<u>CAS No.</u>	<u>Contents</u>	<u>Classification</u>	<u>R-phrases</u>
Man-made mineral fibre	-	< 40%	Xn	R40, R38
Glass Fibre	-	< 10%	Xi	R38

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## 3 Hazards Identification:

- 3.1 No health risks have so far been known in cases where this product has been handled and processed properly.
- 3.2 The mineral fibres contained in this product have been classified by EU as Carc.Cat 3 (substances which cause concern for man owing to possible carcinogenic effect) and as a irritant to skin. However the fibres are bound within the resin matrix and should only be considered hazardous when further processing such as machining generates dust. High dust levels may irritate the throat and eyes.

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## 4 First-aid measures:

- 4.1 Skin:  
If irritation occurs, do not rub or scratch. Rinse under running water prior to washing with mild soap and water.
- 4.2 Eyes:  
If irritation occurs, do not rub or scratch. Flush eyes with water and consult a physician if irritation persists.

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## 5 Fire-fighting measures:

- 5.1 The product itself presents no fire risk. If however a fire occurs in the vicinity, then extinguish with any standard extinguishing equipment/media.
- 5.2 Decomposition/Combustion Products produced are carbon monoxide, carbon dioxide and low molecular weight hydrocarbons.

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## 6 Accidental release measures:

- 6.1 No special measures required.

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## 7 Handling and storage:

- 7.1 The usual precaution for manual handling i.e. the wearing of good quality fabric gloves must be observed. Ensure good ventilation. Otherwise refer to Section 8.
- 7.2 The material can be stored in any dry place.

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## 8 Exposure controls/personal protection:

- 8.1 Engineering Methods:  
Ensure adequate local exhaust ventilation when machining or abrading.
- 8.2 Respiratory protection:  
Wear suitable protection if exposure limits may be exceeded.
- 8.3 Hand protection:  
Wear good quality fibre gloves. Use of barrier creams and maintain good hygiene standards.
- 8.4 Eye protection:  
Safety glasses should be worn when machining or abrading.
- 8.5 Skin protection:  
Wear suitable protective clothing e.g. long-sleeved, long-legged, closed overalls.

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## 9 Physical and chemical properties

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|-----|------------------------------|--|
| 9.1 | Appearance:                  | Solid, dark grey   |
| 9.2 | Odour:                       | No noticeable odour  |
| 9.3 | pH:                          | n.a.   |
| 9.4 | Boiling/melting point/range: | Thermoset. Decomposition will begin above 300 °C.  |
| 9.5 | Flammability:                | Will burn at elevated temperatures.  |
| 9.6 | Autoflammability:            | Not established  |
| 9.7 | Explosive Properties         | This preparation does not present an explosion hazard. However, dust produced from grinding operations can present an explosion hazard or fire hazard in extraction systems. |
| 9.8 | Specific Gravity:            | 2.05   |

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## 10 Stability and reactivity

- 10.1 This preparation is stable up to its decomposition temperature.

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## 11 Toxicological information

- 11.1 The primary route of exposure is by inhalation of dust particles released as a result of machining or abrading.
- 11.2 No specific toxicological tests have been carried out on this preparation but reference should be made to the health effects of the ingredients listed in sections 2 and 3.
- 11.3 Large morbidity and mortality studies of both European and North American mineral wool manufacturing workers have found no significant evidence of non-malignant lung disease (e.g. fibrosis). The studies have not established a causal relationship between exposure to stone wool and malignant diseases (lung cancer or mesothelioma).
- 11.4 The glass fibre used in this product is non-respirable due to fibre dimensions and as such does not reach the lower pulmonary tract and thus has no possibility of causing serious pulmonary disease.

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**12 Ecological information:**

12.1 Stable product with no known adverse environmental effects.

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**13 Disposal considerations:**

13.1 The product can typically be disposed of in ordinary landfill (national or local regulations may apply)

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**14 Transport information:**

14.1 No special precautions.

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**15 Regulatory information:**

15.1 EC Classification  
The product contains mineral fibre [Man-made vitreous (silicate) fibres]  
Danger Symbol: Xn, Harmful  
Risk Phrases: Irritating to skin (R:38), Possible risks of irreversible effects (R:40)  
Safety Phrases: Wear suitable protective clothing and gloves (S36/37).

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**16 Other information:**

16.1 Friction materials contain fibres and the dust formed in used brake and clutch parts will be free fibrous materials. To prevent dust particles from becoming airborne always use the following safe practices:

When replacing worn linings, remove the accumulated dust by using an industrial vacuum cleaner fitted with a high efficiency filter system. Alternatively, wipe down the components with a damp cloth.

Do not use compressed air or dry brushing to remove dust from brake and clutch parts.

When further processing new un-used linings prior to workshop fitting, e.g. cutting and drilling, always employ the use of local exhaust equipment where available. If not available, use an industrial vacuum cleaner.

Where sweeping is necessary use a dust suppressant or water.

The appropriate personal protection should, of course be worn wherever required.

Personnel who are expected to work with brake lining material must be trained in its safe handling and where necessary must be instructed in the use of personal protection equipment.

16.2 The information provided in this safety data sheet is based on present knowledge and whilst given in all good faith and intentions does not constitute a guarantee for any of the product features or establish a legally valid contractual relationship.

16.3 The details given are true and accurate provided that the product is used for purpose for which it is designed.

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