

**SAFETY DATA SHEET**

## KM Polyurethane Open Cell Backer Rod

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Backer Rod, Acoustic Insulation	<b>Web Site:</b>	www.t2960.com.sg
<b>Company Name:</b>	Two Nine Six O Trading Pte Ltd	<b>Email:</b>	contact@t2960.com.sg
<b>Address:</b>	21, Tuas West Avenue, Singapore 638 435	<b>Telephone:</b>	+65 6267 1300
<b>Uses (s):</b>	Backer Rod, Acoustic Products	<b>Product Manufactured:</b>	Australia
		<b>Reviewed Date:</b>	01 December 2020

### 2. HARZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE

<b>UN No.</b>	None	<b>Dangerous class</b>	None
<b>Hazchem code</b>	None	<b>Poisons Schedule</b>	None
<b>Packaging group</b>	None		
<b>Manufacturing Codes</b>	16-110, 19-130, 27-210, 27-160, 28-130, 31-190		

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

#### Physical description / properties

<b>Appearance:</b>	Flexible, cellular structure, white to off-white, neutral colour, or specified colour. (Share will change slowly on exposure to air).		
<b>Properties:</b>			
<b>Melting/ Decomposition Range:</b>	325 – 370 Degree Celsius		
<b>Vapour pressure</b>	NA	<b>Pre cent Volatile</b>	NIL, when fully degassed
<b>SG, Density:</b>	15 – 100 kg/m <sup>3</sup>	<b>Flash point</b>	> 250 Degree Celsius
<b>Flammability limit:</b>	Material can be ignited by an open flame, or by a source for smouldering ignition		



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**Auto ignition temperature:** > 260°C short term. Avoid long-term exposures over 135°C

**Ingredients:**

<b>Chemical entity:</b>	Polyurethane Foam	<b>CAS No.</b>	Proportion
		9009-54-5	100%

**Note:** As polyurethane foam is classified as an "article" it is not required to be listed on the Australian Inventory of chemical substances.

### 4. FIRST AID MEASURES

<b>Swallowed</b>	If swallowed do not induce vomiting, seek medical advice.
<b>Eye</b>	If product comes in contact with eyes wash affected area with cold water, irritation continues seek Medical advice.
<b>Skin</b>	If product comes in contact with eyes wash affected area with cold water, irritation continues, seek Medical advice.
<b>Inhaled</b>	If fumes due to combustion inhaled, remove from contaminated area, and seek medical advice.
<b>Advice to Doctor</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**Flammability**

The material should be kept away from sparks, smokers' materials, open flame and from excessive heat. Smoking should be forbidden in areas where material is stored or processed. Foam may burn rapidly with high heat and evolution of black smoke. Flammability ratings of small-scale laboratory tests are not to be taken as an indication of the material's behavior in an actual full-scale.

**Fire and Explosion**

If ignited the product may melt, producing flammable liquids. Burning produces toxic gases, such as carbon monoxide, oxides of nitrogen and hydrogen cyanide and intense heat, dense smoke.

**Extinguishing**

Dry chemical, water, carbon dioxide.



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### 6. ACCIDENTAL RELEASE MEASURES

**Spillage/ Disposal** Dispose of as landfill as required by local or state regulation. Recycling is possible contact manufacturer for recycling options.

### 7. STORAGE AND HANDLING

#### Storage & Transport

Maintain adequate fire protection where large volumes of foam are kept, e.g. warehouse, fabrication areas and storage rooms. Check for compliance with insurance regulations, local building codes or other legal requirements.

#### Handling

When cutting, skiving, routing or grinding, cells are destroyed accelerating the release of any retained blowing agent. Therefore it is possible for explosive concentrations of blowing agent to accumulate in localized areas. It is vital that there be adequate ventilation to enable blowing agent to dissipate.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Exposure Standards** No exposure limit allocated.

**Biological Limits** No Biological limit allocated.

**Engineering Controls** Provide adequate general and local exhaust ventilation.

**PPE** Not required any Personal Protective Equipment under normal conditions of use. Where an inhalation hazard exists, wear dust- proof goggles and a particulate respirator.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Flexible, cellular structure, white to off white, natural colour, or specified colour.  
(Shade will change slowly on exposure to air).

**Solubility (Water)** Insoluble **Boiling Point, °C** N.A.

**Melting Point, °C** 325 – 370 °C **Vapour Pressure @ 25°C, KPa** N.A.

**SG, Density:** 15 – 100 kg/m<sup>3</sup> **Flash point** > 250 Degree Celsius

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### 10. STABILITY AND REACTIVITY

<b>Hazard of use/ Storage</b>	Stable under normal storage and required temperature
<b>Material to Avoid</b>	Avoid heat, flame and other sources of ignition. Avoid contact with strong oxidisers. Reacts strongly with strong acids, bases, organic chemicals and certain metal combinations.
<b>Hazardous Decomposition Products</b>	High temperatures generated: Toxic gases / vapours / fumes of : Carbon dioxide (CO <sub>2</sub> ), Carbon monoxide (CO), Hydrogen cyanide (HCN).

### 11. TOXICOLOGICAL INFORMATION

<b>Health Hazard Summary</b>	The material does not contain any ingredient which under any normal installation conditions should lead to health hazards such as skin irritations, mucous irritation or breathing difficult
<b>Eye</b>	Not normally a hazard due to physical form, mechanical injury possible from particulate matter.
<b>Inhalation</b>	Not normally a hazard due to non-volatile nature of product.
<b>Skin</b>	Overexposure is unlikely due in this form of product.
<b>Ingestion</b>	Not normally a hazard due to non-volatile nature of product
<b>Toxicity Data</b>	Polyurethane (9009-54-5)

### 12. ECOLOGICAL INFORMATION

<b>Environment</b>	Availability of Limited ecotoxicity data for this product while preparing this report. Appropriate measures are taken to prevent this product from entering the environment
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### 13. DISPOSAL CONSIDERATIONS

<b>Legislation</b>	Dispose of in accordance with relevant local legislation.
<b>Waste Disposal</b>	Reuse where possible. No special precautions are required for this product

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### 14. TRANSPORT INFORMATION

<b>UN No.</b>	Not Allocated.	<b>Dangerous Goods Class</b>	Not Allocated.
<b>Subsidiary Risk</b>	Not Allocated.	<b>EPG Card</b>	Not Allocated.
<b>Shipping Name</b>	Not Allocated.	<b>Packing Group</b>	Not Allocated.
<b>Poisons Schedule</b>	Not Allocated.	<b>Hazchem Code</b>	Not Allocated.

### 15. REGULATORY INFORMATION

<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).
<b>Poison Schedule</b>	A poison schedule number has not been allocated to this product using the criteria in the standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

### 16. OTHER INFORMATION

This information relates only to specific material designated and may not be valid for such material used in combination with any other materials or in any process, such information is to best of our knowledge, accurate and reliable as of the date compiled. Since conditions of use are beyond our control, the data is not to be taken as warranty or representation for which Two Nine Six O Trading Pte Ltd assumes legal responsibility. It is the user's responsibility to satisfy him/herself as to the sustainability and completeness of such information for his own particular use. Use of the data and information must be determined by the user to be in accordance with local laws and regulations.

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