

 Farrat.com	Material Safety Data-Sheet (91/155/EEC)
<p>1. Identification of the substance / preparation</p> <p>Name of Product:</p> <p>Manufacturer / distributor:</p> <p>Advice:</p>	<p>TBN 100 Thermal Break Connection Plate</p> <p>Farrat Isolevel Ltd. Balmoral Road Altrincham, Cheshire WA15 3HJ Tel: 0044 (0) 161 924 1600 Fax: 0044 (0) 161 924 1616</p> <p>Internet: www.farrat.com email: sales@farrat.com</p>
<p>2. Composition/information of ingredients</p> <p>This product is a chemical substance.</p> <p>Chemical characterization (eventually with synonyms): Cast polyamide 6 with MoS₂ filler.</p> <p>CAS Nr. (Chemical Abstract Service Registry Number): PA6G: 25038-54 / MoS₂: 1317-33-5</p>	
<p>3. Hazards Identification</p> <p>Most important hazards: No critical hazards for man and environment in case of normal storing, handling and usage.</p> <p>Specific hazards: Not applicable</p>	
<p>4. First aid measures</p> <p>Inhalation: In case the plastic burns and combustion gases are inhaled, immediately leave the room and seek medical help.</p> <p>Skin contact: In case molten material comes into contact with the skin, the skin needs to be rinsed thoroughly with cold water. Do not try to remove the molten material. Get medical assistance for the removal of the tacky material and treat the burn.</p>	

5. Fire-fighting measures

Suitable extinguishing substances: All (H₂O, CO₂, sand, foam, dry chemical)

Special exposure hazards arising from the substance or preparation itself, combustion products or resulting gasses: see section 10.

Special protective equipment for fire fighters: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and or eyes. If exposed to combustion fumes in a high concentration, bring the victim to fresh air. If molten material contacts skin, cool rapidly with cold water and obtain medical attention for removal of adhering material and treatment of the burn.

6. Accidental release measures

Special precautions: Not applicable

Environmental precautions: See sections 12 & 13

Methods of cleaning up: See section 13.

7. Handling and storage

Safe handling advice: Evacuate swarf during machining to prevent slipping or tripping hazards.

Safe storage advice: Inert under normal storage conditions.

8. Exposure control / personal protection

Engineering Controls: None

Respiratory Protection: None (except when the product burns)

Eye Protection: Safety glasses with sideshields are recommended for all machining operations.

9. Physical and chemical properties

Form: Firm

Colour: Grey-Black

Smell: Typical of the type of material

Melting point: 220 °C

Self ignition temperature: > 400 °C (ASTM D 1929)

Thermal decomposition: > 300 °C

Density (23 °C): 1.16g/cm³ (ISO 1183)

10. Stability and reactivity

Stability: In normal circumstances the product is stable.

Dangerous reactions: Any hot sawdust accumulated in the machine can catch fire if the heat is not dissipated.

Dangerous decomposition products: The main products formed in case of overheating or combustion are, apart from harmless: H₂O and CO₂, mainly CO (depending on the amount of available environmental oxygen), NO_x and traces of HCN.

11. Toxicological information

Acute toxicity: This material is not considered as being harmful to human health.

12. Ecological information

This material will not harm the environment but is not biologically degradable.

13. Disposal considerations

Product: When recycling is not possible it can be disposed of in household refuse, landfill or incineration. Disposal methods must conform to the local or other government regulations. This product does not contain cadmium pigments or cadmium stabilizers.

14. Transport information

Non dangerous goods according to the transport regulations

15. Regulatory information

Classification and labeling according to the relevant EU-directives is not required.

16. Other information

This information is based on our present state of knowledge.

It should therefore not be construed as guaranteeing specific properties of the product described or their suitability for a particular application.