



# THE ARASAN ALUMINIUM INDUSTRIES PVT LTD

102 – A, Chairman A. Shanmugam Road, SIVAKASI – 616123

Phone: +91-4562-289848/230916 Mobile: 9442171616, 7867000916

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<b>Revision No:002</b> <b>MARCH 2022</b>	<b>MATERIAL SAFTY DATA SHEET</b>	<b>MSDS No:005</b>
<b>1. PRODUCT AND COMPANY IDENTIFICATION</b>		
<b>Product Name</b>	Arasan -Aluminium paste (Mixture of Aluminium powder coated and Paraffin oil)	
<b>Supplier Name and Address</b>	<b>The Arasan Aluminium Industries (P) Ltd.</b> 102- A Chairman A. Shunmugam Road,Sivakasi-626 123 Tamil Nadu.India. Phone +914562 230916 <b>Mobile:+919442171616</b> Email – <a href="mailto:info@arasanaluminium.com">info@arasanaluminium.com</a> Web – <a href="http://www.arasanaluminium.com">www.arasanaluminium.com</a>	
<b>Trade name</b>	<b>ARASAN - 10 / 80 MO</b>	
<b>2. COMPOSITION /INFORMATION ON INGREDIENTS</b>		
<b>Mixtures</b>		
<b>Hazardous Components</b>		
<b>Chemical Name</b>	<b>CAS No</b> <b>EC number</b>	<b>Classification (REGULATION</b> <b>EC NO 1272/2008)</b>
Aluminium	7429 – 90-5 231-072-3	Flammable Solid H 228
Paraffin oil	8042 -47-5 232-455-8	Aspiration Hazard H 304
<b>3.HAZARDS IDENTIFICATION</b>		
<b>Classification of the Material or Mixture</b>		
<b>Classification (REGULATION EC NO 1272 / 2008)</b>		
Not a dangerous material or Mixture according to Globally Harmonised System (GHS)		
<b>Label elements</b>		
<b>Labelling (REGULATION (EC) No 1272/2008)</b>		
Not a dangerous substance or mixture according to the Globally Harmonised System (GHS).		



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<b>4. FIRST AID MEASURES</b>		
<p><b>Inhalation:</b> Remove patient to fresh air and consult a physician. Immediately get medical Attention.</p> <p><b>Skin contact:</b> wash off with plenty of water</p> <p><b>Eye contact:</b> rinse eye with running water, obtain medical attention if symptoms persist</p> <p><b>Ingestion:</b> Keep Respiratory tract clear get medical attention.</p>		
<b>5. FIRE FIGHTING MEASURES</b>		
<p><b>Suitable extinguishing Agents</b></p> <ul style="list-style-type: none"><li>• dry sand</li></ul> <p><b>Unsuitable extinguishing Agents.</b></p> <ul style="list-style-type: none"><li>• Halogenated fire extinguisher</li><li>• Water</li></ul>		
<b>6.ACCIDENTAL RELEASE MEASURES</b>		
<p><b>Personal precautions</b></p> <ul style="list-style-type: none"><li>• Avoid formation of dust clouds</li><li>• Do not use vacuum cleaner</li><li>• Avoid inhalation of solvent vapors in all circumstances.</li></ul> <p><b>Environmental protection</b></p> <ul style="list-style-type: none"><li>• Do not allow product to enter sewage system or water course (possible reaction releasing hydrogen)</li></ul>		



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<b>Measures for cleaning/collection spillage:</b> <ul style="list-style-type: none"><li>○ Clean the material using non sparking tools , Avoid formation of dust clouds.</li><li>○ If dry, stored in closed drums in dry condition</li><li>○ If wet, stored in open topped container in an area with good ventilation and free from Ignition sources.</li></ul>		
<b>7. HANDLING AND STORAGE</b>		
<b>Handling</b> <ul style="list-style-type: none"><li>○ Avoid source of sparks or other source of ignition</li><li>○ Protect against static electricity</li><li>○ Use suitable explosion proof equipment and spark –proof tools</li><li>○ Avoid accidental contact with reactive materials- acid or chemicals-oxidiser etc</li><li>○ Use non sparking tools</li></ul> <b>Storage</b> <ul style="list-style-type: none"><li>○ Keep the Material in the container Always air tight</li><li>○ If the drums are in open condition, volatile Mater will be evaporated and the properties of the Material will be changed.</li><li>○ The area should be suitably marked to indicate the presence of an ignitable dust</li><li>○ Avoid sparks or other source of ignition</li><li>○ Keep area clean and avoid spillage</li><li>○ Do not store with reactive materials</li></ul>		
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION Monitoring procedure</b> <p>Provide adequate ventilation</p> <b>Respiratory protection:</b> Use suitable breathing protection if workplace concentration requires. <b>Hand protection:</b> Solvent-resistant gloves (butyl-rubber) <b>Eye protection:</b> Safety glasses.		



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<b>9. PHYSICAL AND CHEMICAL PROPERITY</b>		
<b>Physical state</b>	: Solid (Paste)	
<b>Color</b>	: Silver	
<b>Odour</b>	: NA	
<b>P.H</b>	: NA	
<b>Boling temperature</b>	: 2467°C (Aluminium)	
<b>Melting temperature</b>	: 660 °C (Aluminium)	
<b>Flash Point</b>	: NA	
<b>Explosive prosperity</b>	: No data available	
<b>Solubility</b>	: insoluble in water	
<b>10.STABILITY AND REACTIVITY</b>		
<b>Stability</b>	Stable at room temperature	
<b>Reactivity</b>	May react with acids or oxidizing agents or halogenated hydrocarbons	
<b>11.TOXICOLOGICAL INFORMATION</b>		
<b>Acute Toxicity</b>	No data available	
<b>Chromic toxicity</b>	Not Harmful	



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<b>12.ECOLOGICAL INFORMATION</b>		
<b>Ecotoxicity</b> <ul style="list-style-type: none"><li>○ Aluminium powder is not ecotoxic</li><li>○ Generally not hazardous to water</li></ul>		
<b>13. DISPOSAL CONSIDERTIONS</b>		
In accordance with national and local regulations.		
Waste		
Dispose of in line with regional or national regulations. Avoid product entering water coarse/sewer system		
<b>14.TRANSPORT INFORMATION</b>		
Not a Hazardous material as defined by transport regulation		
<b>15.REGULATORY INFORMATION</b>		
Safety		
Safety phrase -7/8, 24/25, 43      S-7/8-keep container tightly closed and dry S-24/25 avoid contact with skin and eyes S-43-in case of fire use sand –NEVER use water		
<b>Full text of H-Statements</b>		
H228      Flammable solid. H304      May be fatal if swallowed and enters airways.		
<b>16. OTHER INFORMATION</b>		
The information on this data sheet represents our current data to proper use in handling of this product under normal conditions, and only as a safety guideline, not as a product specification. No warranty, either expressed or implied, is hereby made. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.		