

SAFETY DATA SHEET (SDS)

Document No.: 2109-1
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No.	Section	Content																		
1	Chemical Product and Company Information	<p>Product Name: DEE MOTION (Aluminum Decorative Panel)</p> <p>Single Product/Mixture Classification: Mixture</p> <p>Substance Name: Aluminum Decorative Panel</p> <p>Company Name: D-Nine Co., Ltd.</p> <p>Address: Nihonbashi Royal Plaza 706, 17-1 Nihonbashi Kabutocho, Chuo-ku, Tokyo 103-0026</p> <p>Responsible Department: Production Control Department, Quality Assurance Section</p> <p>Phone Number: 03-6403-9357</p> <p>Email Address: d-9@d-9.co.jp</p> <p>Emergency Contact: 03-6403-9357</p>																		
2	Hazards Identification	<p>Classification Name: Not applicable to GHS classification criteria</p> <p>Physical and Chemical Hazards: Not applicable</p> <p>Health Hazards: May cause skin or mucous membrane irritation upon skin contact or vapor inhalation</p> <p>Hazard Information: Not applicable</p>																		
3	Composition/Information on Ingredients	<p>Components and Content:</p> <table><tr><th>Component</th><th>Content (wt%)</th><th>Permissible Concentration (ppm)</th></tr><tr><td>Aluminum A1100P-H14 t1.5mm</td><td>98.9</td><td>Not applicable</td></tr><tr><td>Acrylic Monomers</td><td>0.8</td><td>Not applicable</td></tr><tr><td>UV-Curable Pigment Ink</td><td>0.2</td><td>Not applicable</td></tr><tr><td>Photoinitiator</td><td>0.1</td><td>Not applicable</td></tr><tr><td>Total</td><td>100</td><td>-</td></tr></table>	Component	Content (wt%)	Permissible Concentration (ppm)	Aluminum A1100P-H14 t1.5mm	98.9	Not applicable	Acrylic Monomers	0.8	Not applicable	UV-Curable Pigment Ink	0.2	Not applicable	Photoinitiator	0.1	Not applicable	Total	100	-
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4	First Aid Measures	<p>Eye Contact: If fine powder generated during processing enters the eyes, immediately rinse with clean water and never rub the eyes. Seek medical attention if necessary.</p> <p>Skin Contact: If fine powder generated during processing adheres to skin, wipe off and wash with soap.</p> <p>Inhalation: If fine powder generated during processing is inhaled, move to fresh outdoor air.</p> <p>Ingestion: Rinse mouth with water and seek medical attention if necessary.</p>																		
5	Fire Fighting Measures	<p>Extinguishing Method: Use dry sand or glass fiber cloth to extinguish fire from upwind direction.</p> <p>Prohibited Extinguishing Agents: Do not use powder fire extinguishers or carbon dioxide fire extinguishers.</p>																		
6	Accidental Release Measures	Not applicable																		
7	Handling and Storage	<p>Handling: Wear protective equipment and avoid inhaling fine powder scattered during processing. Since edges are sharp, wear protective equipment to protect hands and eyes when handling.</p> <p>Storage: Vertical storage is recommended. Horizontal storage may cause protective material marks on the painted surface due to weight load, potentially impairing the finish.</p> <p>Storage Location: Store indoors in a well-ventilated area. Recommended storage temperature: 0-30°C, Humidity: 0-50%. Avoid placing directly on the ground or concrete floor.</p>																		

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No.	Section	Content
8	Exposure Controls/ Personal Protection	<p>Control Concentration: Not applicable</p> <p>Permissible Concentration: Not applicable</p> <p>Engineering Controls: Operate dust collection equipment effectively during cutting and processing.</p> <p>Personal Protective Equipment:</p> <ul style="list-style-type: none">Respiratory Protection: Wear dust masks, etc.Eye Protection: Wear protective eyewear (goggle type), etc.Hand Protection: Wear cloth gloves, etc.Body Protection: Recommend wearing long-sleeved work clothes and safety shoes.
9	Physical and Chemical Properties	<p>Appearance: Plate-shaped molded body (solid)</p> <p>Melting Point/Freezing Point: No data</p> <p>Boiling Point: No data</p> <p>Initial Boiling Point and Boiling Range: No data</p> <p>Flash Point: No data</p> <p>Specific Gravity (Relative Density): No data</p> <p>Auto-ignition Temperature: No data</p>
10	Stability and Reactivity	<p>Reactivity: No information available</p> <p>Chemical Stability: Stable when stored under normal atmospheric conditions.</p> <p>Conditions to Avoid: Contact with incompatible materials</p> <p>Incompatible Materials: Acids, alkalis, strong oxidizing agents, etc.</p> <p>Hazardous Decomposition Products: Hydrogen</p>
11	Toxicological Information	<p>Acute Toxicity: Generally low acute systemic toxicity as it is poorly absorbed from the gastrointestinal tract.</p> <p>Skin Corrosion/Skin Irritation: Dust and fumes may cause physical irritation to respiratory tract, skin, and gastrointestinal tract.</p> <p>Serious Eye Damage/Eye Irritation: Large particles or fragments may injure the cornea and eyelids.</p> <p>Respiratory Sensitization/Skin Sensitization: No known information available</p> <p>Germ Cell Mutagenicity: No known information available</p> <p>Carcinogenicity: Aluminum itself has not been evaluated by IARC (International Agency for Research on Cancer).</p> <p>Reproductive Toxicity: No known information available</p>
12	Ecological Information	<p>Ecotoxicity: No data available</p> <p>Persistence/Degradability: No data available</p> <p>Bioaccumulation Potential: No data available</p>
13	Disposal Considerations	Follow the Waste Management and Public Cleansing Act. Aluminum can be recycled ; collect and re-melt for reuse.
14	Transport Information	<p>International/Domestic Regulations: Follow applicable transportation laws</p> <p>Land Transport Information: Follow Road Traffic Act</p> <p>Maritime Transport Information: Follow Ship Safety Act</p> <p>Air Transport Information: Follow Aviation Act</p>
15	Regulatory Information	<p>Act on Confirmation of Release Amounts of Specific Chemical Substances: Not applicable (Aluminum)</p> <p>Industrial Safety and Health Act: Ordinance on Prevention of Hazards Due to Dust (Showa 54, Labor Ordinance 18) (when dust is generated)</p>
16	Other Information	<p>This data sheet is provided as reference information based on materials and literature available at the time of preparation. For actual use, please understand that it is necessary to take appropriate measures according to the actual conditions of use under your own responsibility.</p>

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