# Product Handling Information Sheet

## Lignostone® M II-2-E3-HQ

### 1. 会社情報

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| 会社名/住所 | **Röchling Industrial SE & Co. KG**<br>Röchlingstr. 1 • 49733 Haren (Ems)/DE • Tel. +49 5934 701-0<br>info@roechling-plastics.com • www.roechling.com/industrial/haren |

### 2. 製品情報

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| 製品/成形品 | 半製品または機械加工部品 |
| 略称 | 積層圧縮木材 |
| 素材特性 | Wooden veneer with phenolic resin in hardened condition |
| 主成分 | • wooden veneer<br>• phenolic resin |
| 表示義務の対象となる素材 | 無 |
| REACh規則による分類 | 成形品 |
| 特記事項 | – |

### 3. 物性

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| 物質形状 | • 固体 |
| 色 | – |
| 匂い | • typical material smell |
| 密度 | – |
| 融点範囲 | – |
| ガラス転移温度 | – |
| 熱分解 | - |
| 引火点 | None, with intended use |

## 3. 物性

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| 着火点 | – |
| 特記事項 | – |

## 4. 警告事項

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| 人体や環境への特別な危険性 | Note the TRGS 553 wooden dust. |
| 特記事項 | Category III A1: However, with the footnote “dust epidemiologically” unequivocally carcinogenic: The causative, cancer-producing principle currently not yet identified. After sensitisation, wood dust may cause allergic phenomena, for example, of the skin or respiratory passages. Publication (Holzzentralblatt KW29/00): A carcinogenic effect refers to chemically treated wood with additives of chromates, lindane and PCP. These substances are not used in the production of Lignostone. |

## 5. 取扱いおよび保管

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| 取扱い | • 製品は従来の機械や工具で加工可能 |
| 保管条件 | • 水平状態<br>• 乾燥環境<br>• 霜が発生するような環境は避けてください<br>• 気候の影響を受ける環境は避けてください<br>• humidity level in the shop floor and warehouse should be maintained below 65% to improve shelf life of materials |
| 安全対策 | • Provide effective dust extraction when processing and machining.<br>• Carry protective mask and protective goggles at dusty condition.<br>• Should dust extraction systems not be available |
| 保存可能期間 | Lignostone materials have a long shelf life if not directly in contact with water and liquids. The materials, if stocked properly, have a long shelf life, however, for the sake of control, 36 months to 48 months could be set as the limit. Moisture absorption from the atmosphere happens from the edges of the material. The absorbed moisture is normally within the specifications of IEC 61061. Moisture evacuates easily during vapor phase. During visual inspection, if only the edges of a sheet are swollen above 10% in thickness, the sheet should not be used in full format. Not to be confused with: For thick sheets above 70mm, and all sheets large format sheets above 2m in width, thickness tolerance of the sheet is high and may be as high as 15%. This within specified tolerance expansion is a natural property of the material and not due to moisture absorption. |
| 特記事項 | The product is more or less hygroscopic depending on the compaction level. Work stations and machines must be regularly cleaned of dust deposits and shavings by being absorbed. Blowing them clear with compressed air is not admissible on principle. |

## 6. 輸送

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| 輸送 | • 輸送規則と照らし合わせ危険物質無<br>• 転倒に注意してください |
| 最終製品の梱包 | Machined parts are tailor made as per customers' designs. It is normal to receive packing instructions from the customers and these shall be followed In the case of semi-finished sheets, it is advisable to always transfer materials in a palletized form, and protective covering that prevents water and dust entry into the materials. |
| 特記事項 | – |

## 7. 消火措置

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| 適切な消火剤 | • 水<br>• 水泡<br>• $CO_2$ |
| 可能性のある燃焼生成物 | • CO<br>• $CO_2$<br>• other toxic gases |
| 必要な防具 | • 消防隊が消火活動ができる消火器具<br>• Use self-contained air respirators during strong smoke and steam development. |
| 特記事項 | Do not whirl up smouldering fires in dust deposits with a full water jet – dust explosion hazard. |

## 8. 廃棄

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| リサイクル性 | リサイクル可否を確認してください |
| EC Waste Catalog | この製品はEuropean Waste Catalogue（EWC）に基づき「危険ではない」と分類されています。 |
| 廃棄 | その地域の規則に従い、適切な投棄場所または燃焼施設に運搬する必要があります |
| EC Waste Code | • 17 02 01<br>• 03 01 0503 01 04 |
| 特記事項 | – |

## 9. マーキングおよびガイドライン

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| EECガイドラインと照らし合わせ | no labelling required |

## 9. マーキングおよびガイドライン

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| 特記事項 | – |

## 10. REAChに関する情報

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| REAChに関する情報 | According to EC directive 1907/2006/EC (REACh), Article 3, no.3 our products are clearly defined as articles, exempt from registration. The EU regulation about chemicals no. 1907/2006 (REACh), which came into force 01 st of June 2007, prescribes Material Safety Data Sheets only for dangerous substances and preparations. According to REACh we are manufacturing articles and, therefore, not required to issue safety sheets. |

## 11. その他の情報

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| その他の情報 | The information in this document are based on our today's knowledge and represent no affirmation of characteristics.Existing laws and regulations are to be observed by the user of our product within his own responsibility. |