



# Safety Data Sheet

SDS No.003

SDS No. 271

<b>Section 1 - Identification</b>	
<b>1.1 Product Identifier:</b>	Matting Powder (WS Series)
<b>1.2 General Use:</b>	Matting shine of silicone
<b>1.3 Manufacturer:</b>	FuseFX 2137 Hubbard Cres., Ottawa, ON, Canada, K1J 6L3 Phone (613) 748-7877 Email: info@fusefx.ca
<b>1.4 Emergency Contact:</b>	FuseFX Phone (613) 748-7877
<b>Section 2 – Hazard(s) Identification</b>	
<b>2.1 Classification of the substance or mixture:</b>	Not a hazardous substance or mixture according to the Canadian Workplace Hazardous Materials Information System (WHMIS) and Regulation (EC) No 1272/2008 and subsequent amendments, and United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200),
<b>2.2 GHS Label elements, including precautionary statements</b>	
<b>Hazard Pictogram(s):</b>	none
<b>Signal word:</b>	none
<b>General Precautions:</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use.
<b>Hazards not otherwise classified (HNOC) or not covered by GHS -</b>	none
<b>Section 3 - Composition / Information on Ingredients</b>	
<b>3.1 Substances -</b>	No ingredients are hazardous according to the Canadian Workplace Hazardous Materials Information System (WHMIS) and Regulation (EC) No 1272/2008 and subsequent amendments, United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200).
<b>Section 4 - First Aid Measures</b>	
<b>4.1 Description of first aid measures</b>	
<b>INHALED:</b>	not expected to require first aid. Exposure to dust may aggravate pre-existing respiratory conditions. Remove to fresh air; get medical attention for any breathing difficulty.
<b>EYES:</b>	Possible mechanical irritant. Flush granular material with running water, holding eyelids open. Get medical help if symptoms persist.
<b>4.2 Most important symptoms and effects, both acute and delayed</b>	None known.
<b>4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.</b>	
<b>Section 5 - Fire-Fighting Measures</b>	

**5.1 Extinguishing Media:** Use water or other approved media. Avoid creating airborne dust with high pressure water streams; the use of a fine spray to saturate the material is suitable for any firefighting. monoxide. Normal fire dept SOP for precautions and PPE.

**5.2 Special hazards arising from the substance or mixture:** Matting powder dust is explosive. Though matting powder itself supports combustion poorly, the relative explosion hazard of the dust is severe. Dust may be explosive if mixed with air in critical proportions and in the presence of an ignition source possibly resulting in chain reaction-style, serial explosions.

#### Section 6 - Accidental Release Measures

**6.1** To mitigate possible dust hazard: remove ignition sources, avoid dispersing dust into the air, ventilate area of spill use non-sparking tools

**6.2** Clean-up personnel should wear non-slip footwear. Sweep or scoop up spill for recovery or disposal and place into a closed container. Non-toxic and biodegradable. Whatever cannot be saved for recovery may be discarded as permitted by applicable regulations.

#### Section 7 - Handling and Storage

Avoid handling techniques which are capable of producing and/or dispersing fugitive dust.

Remove ignition sources.

Store in doors in areas of low humidity away from sources of moisture.

#### Section 8 - Exposure Controls / Personal Protection

**8.1** None normally required. Inhalation of high concentrations of the dust may cause coughing and upper respiratory tract irritation. In dusty situation, a NIOSH-approved respirator for dust may be worn. Pre-existing respiratory conditions: use approved mask.

**8.2** In cases of water being used to flush spilled material, floors and steps may become sticky; wear non-slip footwear and use caution when negotiating floors and steps.

**8.3** Wearing of contact lenses when handling product should be avoided. Wear protective goggles

#### Section 9 - Physical and Chemical Properties

**9.1 Information on basic physical and chemical properties:**

**Appearance :** fine white crystalline powder **Vapor Pressure:** N/A **Odor/Threshold:** No odor

**Vapor Density (Air=1):** N.A

**pH:** N.A. (non-aqueous)

**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.587

**Melting Point:** 160-186°C (320-367°F)

**Water Solubility:** 2.07 grams per gram water

@25° 331 grams per 100 grams water @ 70°C;

**Low/High Boiling Point:** N.A.

**Partition coefficient:** Not available

**Flash Point:** N.A.

**Auto-ignition temperature:** Not available

**Evaporation Rate:** Not available

**Decomposition temperature:** Not available

**Flammability:** f.p. at or above 200 °F

**Viscosity:** Not Available

**UEL/LEL:** dust 20g/m<sup>3</sup>

**% Volatile:** Nil

#### Section 10 - Stability and Reactivity

Stable under ordinary conditions of use and storage. Hazardous polymerization will NOT occur.

Avoid temperatures above 160°F (70°C); heat, flames, ignition sources, and incompatibles.

Avoid strong oxidizers (e.g. nitric acid or sulfuric acid). Thermal decomposition or burning dried material will produce carbon dioxide, carbon monoxide.

#### Section 11- Toxicological Information

**11.1 Information on toxicological effects:** Non-Toxic

**Skin Corrosion/Irritation:** no data

**Serious Eye Damage/Irritation:** no data

**Respiratory/Skin Sensitization:** no data

**Germ Cell Mutagenicity:** no data

**Carcinogenicity:** No component of this product at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC, NTP, or OSHA.

**Reproductive Toxicity:** no data

**Specific Target Organ Toxicity – Single Exposure:** no data

**Specific Target Organ Toxicity – Repeated Exposure:** no data

**Aspiration Hazard:** no data **Acute**

**Toxicity: (calculated)**

**Chronic Exposure:** no data

**Potential Health Effects – Miscellaneous:** no data

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### Section 12 - Ecological Information

**12.1 Toxicity:** Non Toxic and biodegradable.

**12.2 Persistence and Degradability:** no data

**12.3 Bioaccumulative Potential:** no data

**12.4 Mobility in Soil:** no data

**12.5 Results of PBT and vPvB assessment:** no data

**12.6 Other Adverse Effects:** no data

### Section 13 - Disposal Considerations

**13.1 Waste treatment methods:** Under RCRA it is the responsibility of the user of the product to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state and local laws.

### Section 14 - Transport Information

Not regulated by DOT, IATA or IMDG

**14.1 UN number:** none

**14.2 UN proper shipping name:** none

**14.3 Transport hazard class(es):** not applicable

**14.4 Packing group:** not applicable

**14.5 Environmental hazards:** none known

**14.6 Special precautions for user:** none known

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** not applicable

### Section 15 - Regulatory Information

**15.1 Safety health and environmental regulations/legislation specific for the substance or mixture:**  
**In the United States (EPA Regulations):**

**TSCA Inventory Status (40 CFR710):** All components of this formulation are listed in the TSCA Inventory.

**SARA 302 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 313.

**SARA 311/312 Hazards:** none

**California Proposition 65:** This product does not intentionally contain any chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

**15.2 Chemical safety assessment:** No chemical safety assessment has been carried out for this substance/mixture by the supplier.

### 16 - Other Information

**Note: Matting Powder dust is explosive, similar to other fine particulate powders.**

*Ignition temperature of dust cloud*

350°C

*Minimum igniting energy*

< 10mJ

*Minimum explosion concentration*

0.035 oz / cu ft

Maximum explosion pressure

9 bar

Maximum rate of pressure rise

5,000 psi / sec

Minimum exposable concentration in air:

0.045 g/L

**Date Prepared:** May 28, 2017

**Glossary:** ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL - Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS Workplace Hazardous Materials Information System.

**Disclaimer:** The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of FuseFX, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use.

This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH).

Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.

