



## DAI A INDUSTRY JOINT STOCK COMPANY

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## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

|                                         |                                                                                                                                                                            |
|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                            | <b>Filler MasterBatch</b>                                                                                                                                                  |
| Product Code                            | <b>IF018010040</b>                                                                                                                                                         |
| Product utilizable                      | Use as the filler for plastic processes such as Raffia, Extrusion, Injection...                                                                                            |
| Manufacturer's Name and Contact Details | <b>Dai A Industry Joint Stock Company</b><br>Plant: Luong Son Industrial Zone, Luong Son District, Phu Tho Province, Vietnam<br>Tel : +84.24.32006580 Fax: +84.24.32006581 |

### 2. Composition / Information on Ingredients

| Composition of Material                 | Ingredient                                                 | Approximate Concentration<br>(% w/w) |
|-----------------------------------------|------------------------------------------------------------|--------------------------------------|
|                                         | PP                                                         | <b>15</b>                            |
|                                         | CaCO <sub>3</sub>                                          | <b>80</b>                            |
|                                         | Additives                                                  | <b>5</b>                             |
| Hazardous Ingredients its concentration | This is product does not contain any hazardous ingredients |                                      |

### 3. Hazards Identification

|                               |                                                                                    |
|-------------------------------|------------------------------------------------------------------------------------|
| Hazards of product            | This product does not pose any special hazards. It is not classified as dangerous. |
| If Applicable, Health hazards | Not Applicable                                                                     |
| Environmental                 | Not Applicable                                                                     |

### 4. First Aid measures

| On accidental over- exposure | Dealing solution                                           |
|------------------------------|------------------------------------------------------------|
| Eye contact                  | Rinse immediately with water. Seek medical advice          |
| Skin contact                 | Take of contaminated clothing. Wash with water and soap.   |
| Inhalation                   | Move to fresh air. If you feel unwell, seek medical advice |
| Ingestion                    | Rinse mouth. Seek medical advice                           |

## 5. Fire Fighting Measures

|                                 |                                                               |
|---------------------------------|---------------------------------------------------------------|
| Extinguishing Media-Recommended | Avoid high-temp zone and electric spark                       |
| Special precautions             | Don't release contaminated water into drains or surface water |
| Special protective equipment    | Self contained breathing apparatus recommended                |

## 6. Accidental release measures

|                                                  |                                                                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Procedures for dealing with a release or a spill | Take up mechanically and collect in suitable container.<br>Dispose according to local regulations.<br>Do not release in sewers or soil or surface water. |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|

## 7. Handling and Storage

|          |                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------|
| Handling | Handle according to good industrial practice. Avoid dust formation, spillage.                                                     |
| Storage  | Store in close containers in a dry, cool and ventilated place.<br>Keep away from strong oxidizing agent, and sources of ignition. |

## 8. Exposure Controls/Personal Protection

|                      |                                         |
|----------------------|-----------------------------------------|
| Work place Hygiene   | Follow good industrial hygiene practice |
| Personal protection: |                                         |
| Hand Protection      | Suitable gloves recommended             |
| Eye Protection       | Wear Goggles                            |

## 9. Physical and Chemical Property

|                                       |                         |
|---------------------------------------|-------------------------|
| Appearance                            | White pellets           |
| Odour                                 | Odourless               |
| Physical State                        | Solid                   |
| Vapour pressure/Reference temperature | Not applicable          |
| Boiling point                         | Not applicable          |
| <b>Melting point</b>                  | <b>150-300 deg.C</b>    |
| <b>Melt flow rate (230°C/2.16kg)</b>  | <b>8 - 18 g/10 mins</b> |
| Evaporation rate                      | Not applicable          |
| Viscosity                             | Not applicable          |
| Solubility in water                   | Insoluble               |
| Flammability                          | Combustible             |
| Explosive properties                  | Not explosive           |

## 10. Stability and Reactivity

|                                 |                                                                                    |
|---------------------------------|------------------------------------------------------------------------------------|
| Conditions to avoid             | Avoid exposure to naked flames or high temperature                                 |
| Material to avoid               | Avoid contact with strong oxidizing agents                                         |
| Hazardous decomposition product | Thermal decomposition may release Carbon Dioxide/mono-oxide or oxides of Nitrogen. |
| Hazardous polymerize            | Does not polymerize                                                                |

#### 11. Toxicological Information

|                                           |                   |
|-------------------------------------------|-------------------|
| Effect of short Term Exposure             |                   |
| Acute Oral Toxicity                       | No data available |
| Acute Dermal Toxicity                     | No data available |
| Acute Inhalation Toxicity                 | No data available |
| Effects of Long Term Exposure             |                   |
| Irritancy                                 | Non irritating    |
| Sensitization                             | No data available |
| Carcinogenicity                           | No data available |
| Reproductive Toxicity                     | No data available |
| Teratogenicity                            | No data available |
| Mutagenicity                              | No data available |
| Name of toxicological synergistic product | No data available |

#### 12. Ecological Considerations

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| Ecological Information | Release into the environment is to be avoided. The product is not soluble in water |
| Ecotoxicity data       | No data is available on toxicity to aquatic life or other micro organisms          |

#### 13. Disposal Considerations

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| Waste/Unused product   | Burn or dispose according to local regulations             |
| Contaminated packaging | Contaminated packaging should be treated like the product. |

#### 14. Transport Information

|                      |                                 |
|----------------------|---------------------------------|
| Shipping Information |                                 |
| Rail Road Transport  | UN No.- Free                    |
| Air Transport        | UN No.- Free; IATA Class - Free |
| Sea Transport        | UN No.- Free; IMDG Class - Free |

#### 15. Regulatory Information

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| Regulatory Information | This is product is suitable for food contacting use |
|------------------------|-----------------------------------------------------|

#### 16. Other Information

|                              |                                  |
|------------------------------|----------------------------------|
| Reference for this document  | Technical Data Sheet IF018010040 |
| Date of Preparation/Revision | 2025.10.10                       |
| Revision No.                 | Original                         |