

Safety data sheet

Printing date: 18.12.2014

Date of compilation / revision: 31.08.2007

Version / revision n°: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** UBESTA 3035LU1
- **CAS Number:**
25038-74-8
- **1.2 Relevant identified uses of the substance or mixture**
No further relevant information available.
- **Application of the substance / the mixture** Film, injection moulding
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
- **Manufacturer**
UBE INDUSTRIES LTD
Engineering Plastics Unit
Seavans North Bldg. 1-2-1 Shibaura Minato-Ku
Tokyo 105-8449 Japan
Tel: +81 3 5419 6173
Fax: +81 3 5419 6254
- **Supplier**
UBE Engineering Plastics, S.A.
Polígono El Serrallo s/n
12100 Grao de Castellón (Spain)
Tel: + 34 964 73 80 00
Fax: +34 964 73 81 80
- **1.4 Emergency telephone number:** +44 (0)1235 239670 (24h/7day)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** None
- **Hazard pictograms** None
- **Signal word** None
- **Hazard statements** None
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterisation: Substances**
- **CAS No. Description**
25038-74-8 Polyamide 12

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation:**
Melted state:
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
After contact with the molten product, cool rapidly with cold water.
Do not pull solidified product off the skin.
Seek medical treatment.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Seek medical treatment.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
Water
Fire-extinguishing powder
Carbon dioxide
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon Dioxide (CO₂)
Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.:
Hydrogen cyanide (HCN)
Ammonia (NH₃)
- **5.3 Advice for firefighters**
- **Protective equipment:**
Wear fully protective suit.
Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Send for recovery or disposal in suitable receptacles.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

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SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
molten state:
Handle with care - Do not subject to grinding/shock/friction.
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in cool, dry conditions in well sealed receptacles.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Protect from heat and direct sunlight.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
 - **Ingredients with limit values that require monitoring at the workplace:** Not available
 - **8.2 Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
Avoid skin contact with the liquefied material.
Avoid breathing dust/fume/vapours.
 - **Respiratory protection:** Not necessary if room is well-ventilated.
 - **Protection of hands:**
Melted state:
Heat protection gloves
 - **Material of gloves**
Melted state:
Heat protection gloves
 - **Eye protection:**
- 
Safety glasses
- Melted state:
Face protection
 - **Skin and body protection:** Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Pellets
- **Colour:** Black
- **Odour:** Odourless

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|---|
| <ul style="list-style-type: none"> · Change in condition
 Melting point/Melting range: 170-180 °C
 Boiling point/Boiling range: Undetermined. |
| <ul style="list-style-type: none"> · Flash point: Not applicable. |
| <ul style="list-style-type: none"> · Flammability (solid, gaseous): Product is not flammable. |
| <ul style="list-style-type: none"> · Danger of explosion: Product does not present an explosion hazard. |
| <ul style="list-style-type: none"> · Density at 20 °C: 0.97-1.07 g/cm³ |
| <ul style="list-style-type: none"> · Solubility in / Miscibility with water: Insoluble. · Organic solvents: 0.0 % |
| <ul style="list-style-type: none"> · Solids content: 100.0 % |
| <ul style="list-style-type: none"> · 9.2 Other information No further relevant information available. |

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 Stable at environment temperature.
 No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** Oxidizing agents, acids, bases and reactive agents.
- **10.6 Hazardous decomposition products:**
 Carbon monoxide
 Carbon dioxide
 Hydrogen cyanide (prussic acid)
 Ammonia

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values relevant for classification:** Not available
- **Primary irritant effect:**
- **on the skin:** No irritant effect
- **Sensitisation:** Sensitisation possible through skin contact.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.

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- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|-----------------|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | None |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | None |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | None |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | None |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: | Not applicable. |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · UN "Model Regulation": | - |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Corporate Social Responsibility- Product Liability
- **Contact:**
E-mail: sds.ube.eu@ube.es
Tel. +34 (964) 73 8118

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Trade name: UBESTA 3035LU1**· Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

- * **Data compared to the previous version altered.** Section 1: Update emergency phone number.

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