



POLYCHIM INDUSTRIE

Material Safety Data Sheet

91/155/EEC format - Version n°1.00

1. Identification of the substance/ preparation and the company/undertaker

- **Chemical name** : polypropylene
- **Trade name** : polypropylene
- **Manufacturer / supplier** : Polychim Industrie S.A.S
Route d'Artois
Z.I.P. de Mardyck
F-59279 Loon-Plage

Tel : (33) (0)3.28.58.02.70
Fax : (33) (0)3.28.27.26.65

2. Composition/information on ingredients

- **Chemical nature** : polyolefin
- **CAS-No** : 9003-07-0
- **Composition** : 99 % polypropylene min., balance additives.

3. Hazard identification

- This product is not hazardous according to EEC criteria.

4. First aid measures

- Exposure by inhalation : in the event of inhalation of dust particles take victim into fresh air and get medical assistance .
- Exposure by skin contact : non irritant. Molten material may cause burns. Flush liberally with water. Do not remove solidified product from skin. Get medical assistance .
- Exposure by eye contact : non-irritant. In the event of exposure to dust flush with plenty of clean water for at least 10 min. Get medical assistance.

5. Firefighting measures

- Suitable extinguishing media : water, foam, dry chemical , CO₂
- Specific exposure risk : Carbon monoxide will be released during fire as well as decomposition products. Avoid breathing smoke. Wear self contained breathing apparatus.
- Burns slowly with a low smoke density and flaming drips.



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6. Spillage, accidental release of the substance or preparation :

- Personal safety precautions : spilled granules present slipping hazard and should be mechanically removed immediately.
- Environmental protection measures : Keep run-off contamination away from drains and surface water.
- Clean up procedure : remove mechanically and recycle or dispose of product in accordance with national and / or local practices and regulations.

7. Handling and storage :

- Handling : Processing and handling areas should be well ventilated. Wear dust mask in poorly ventilated areas.
- Storage : Avoid flammable gas mixtures, use well ventilated or inert storage facilities , properly ground all storage and transfer equipment to prevent static charges from building up.

8. Exposure controls/personal protection :

- Respiratory protection : work in sufficiently ventilated areas, wear dust masks.
- Eye protection : Avoid contact with dust and molten product. Wear goggles or face shield. Especially when purging equipment.
- Skin protection : Avoid contact with molten product , wear heat resistant gloves and clothing.

9. Physical and chemical properties :

- Appearance : clear to opaque solid pellets or granules, odorless.
- Smell : odorless.
- Boiling point : N/A
- Melting point : crystallite melting point : 165° C (+/- 5 °C).
- Vapor pressure : not applicable.
- Specific gravity : 0.905 g/cm³ (20°C).
- Solubility in water : none
- Ignition temperature : ca. 330°C.



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10. Stability and reactivity :

- Stability : chemically stable at room temperature and ambient conditions.
Temperatures in excess of 200°deg will cause poly mer chain degradation.
- Hazardous decomposition products : during fire oxygen lean conditions may produce carbon monoxide and irritating smoke.
- Avoid contact with strong oxidizing agents.

11. Toxicological information :

- Acute and chronic toxicity : powdered material may irritate eyes.
- Long and short term effects of short, repetitive or sustained exposure : if used according to directions no long term health hazards are known. Hot product may cause burns.

12. Ecological information :

- Aquatic toxicity : none.
- Ecological impact : none.
- Shelf life and degradation : biologically non – degradable polymer.

13. Disposal considerations :

- Recycling : product can be readily recycled by mixing with virgin material end use permitting.
- Incineration : possible in accordance with national and local laws and regulations .
- Disposal/dumping : avoid whenever possible. Consult local practices and regulations. Non-biodegradable polymer.

14. Transport information :

- No classification as hazardous material under ARD/RID/ADNR/INDG/UN/ICAO/IATA/DGR.

15. Regulatory information :

- Labeling according to 67/548/EEC and 88/379/EEC : none required.



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16. Other information :

- All information provided in this Material Safety Data Sheet is presented in good faith and to the best of our knowledge.
- No warranties are expressed or implied.
- Purchaser bears sole responsibility for compliance with safety, health and environmental regulations and law. However should we be able to assist you do not hesitate to contact us.