

1 Identification of substance:

- **Product details:**

- **Trade name:** TAROMID A 280 G Y0

(see product list at point 16)

- **Article number:**

1st Edition: 12.05.2005 - 16IT-437/1

- **Application of the substance / the preparation**

Electrical/electronic industry, mechanical engineering and manufacture of vehicles

- **Manufacturer/Supplier:**

TARO PLAST s.p.a.

Strada Diolo 57/a

I-43019 Soragna (PR)

Tel.: ++39/0524/596711

Fax.: ++39/0524/599084

- **Information:** see: Section 16

- **Emergency information:** see: Manufacturer/Supplier

2 Composition/Data on components:

- **Chemical characterization**

- **Description:**

Polyamide 6.6

Reinforced, flame retardant

- **Dangerous components:**

3 Hazards identification

- **Hazard designation:**

- **Information pertaining to particular dangers for man and environment**

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4 First aid measures

- **After inhalation**

Supply fresh air in the case of inhalation of fumes or vapour; consult doctor in case of symptoms.

- **After skin contact**

Instantly wash with water and soap and rinse thoroughly in case of skin contact with molten material. If skin irritation continues, consult a doctor.

- **After eye contact**

Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

- **After swallowing**

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fire with foam.

- **Special hazards caused by the material, its products of combustion or resulting gases:**

Can be released in case of fire

Carbon monoxide (CO)

Nitrogen oxides (NO_x)

Under certain fire conditions, traces of other toxic gases cannot be excluded.

- **Protective equipment:** Put on breathing apparatus.

Safety Data Sheet
acc. to 91/155/EEC - ISO 11014-1:1994 (E)

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6 Accidental release measures

- **Person-related safety precautions:** Avoid causing dust.
- **Measures for environmental protection:**
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**
Collect mechanically.
Dispose of contaminated material as waste according to item 13.

7 Handling and storage

- **Handling**
- **Information for safe handling:**
Ensure good ventilation and local exhaustion at vent nozzle and ejected melt.
- **Information about protection against explosions and fires:**
Protect against electrostatic charges.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**
Store in dry conditions in well sealed bags.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:**
No further data; see item 7.
- **Personal protective equipment**
- **General protective and hygienic measures**
Take off immediately all clothing that are contaminated by molten material.
Avoid contact with the eyes and skin.
Do not inhale dust / smoke / mist.
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Protective gloves.
- **Material of gloves** Strong gloves
- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Tightly sealed safety glasses during process activities.
- **Body protection:** Protective work clothing (EN 340).

9 Physical and chemical properties:

- **General Information**

Form:	Solid
Colour:	Different according to colour
Odour:	Odourless
- **Change in condition**

Fusion temperature / range:	> 250°C (ISO R306)
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- **Flash point:** Not applicable
- **Ignition temperature:**
- **Decomposition temperature:** > 350°C
- **Density at 23°C** > 1.0 g/cm³
- **Solubility in / Miscibility with**

Water:	Unsoluble
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- **Additional information** The data in this chapter cover product groups. For product-specific data see the corresponding Technical Information.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Dangerous products of decomposition:** Nitrogen oxides (NOx)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** -
- **on the eye:**
Irritations of the mucous membranes are possible in presence of fumes or vapours.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information:

- **Ecotoxicological effects:**
- **Remark:** Can be separated mechanically in water treatment plants.
- **General notes:**
Do not allow product to reach underground or surface water or sewage system.

13 Disposal considerations

- **Product:**
- **Recommendation**
Remove according to local authority recommendations, e.g. convey to a suitable incinerator.
- **European waste catalogue**
The waste code classification is to be carried out according to the European Waste Catalogue (EWC) specifically for each branch of industry and each type of process.
- **Uncleaned packagings:** This material and its container must be disposed of as hazardous waste.
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID Class:** -
- **Transport/Additional information:**
No dangerous good according to international transport regulations.

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15 Regulatory information

- **Designation according to EC guidelines:**
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Code letter and hazard designation of product: -**
- **Risk phrases:**
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

16 Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This MSDS is valid for the materials listed below:

- TAROMID A 280 G* Y0 (where * = from 2 to 10)

Available versions: H

- **Department issuing data specification sheet:** Product Safety Department
Tel.: **39/0524/596711
Fax.: **39/0524/599084

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