Safety Data Sheet

according to EC Regulation n. 1907/2006 (REACH) – EU Regulation n. 830/2015

Revision 3 of 13/07/2016

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

1.1. Product identifier

Trade name: **TAROMID B 240 Y0 - Y2** **TAROMID B 240 G Y0 - Y2**
TAROMID B 260 Y0 – Y2 **TAROMID B 280 Y0 – Y2**
(see product list at point 16)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Moulding compound

1.3. Details of the supplier of the safety data sheet

Company:
TARO PLAST SPA
Strada Diolo 57/A
I-43019 Soragna (PR)
Tel. +39 0524596711
Fax +39 0524599084
e-mail: taroplast@taroplast.com

Competent person responsible for the safety data sheet:
taroplast@taroplast.com

1.4. Emergency telephone number

office hours (8:30 to 17:00)
Tel. +39 0524596711
Fax +39 0524599084

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

An ingredient is classified according to EU Regulation 1272/2008 (CLP) as *3.9/2 STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure*.

In accordance to CLP, the mixture is classified as  Warning *STOT RE 2 H373* May cause damage to organs through prolonged or repeated exposure.

The mixture consists of an inert polymer containing specific components, and any risks of contamination related to them are minimized, since such components are completely dispersed and embedded in the base polymer.

Adverse physicochemical, human health and environmental effects:

Spilled product may cause a slipping hazard.

2.2. Label elements

The product does not need to be labeled according to Regulation EC 1272/2008 (CLP) art. 23 - (Annex I – 1.3.4)

Special Provisions:

None

Contents:

1,3,5-triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine(1:1)

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Qty	Name	Ident. Number	Classification
>= 15% - < 20%	1,3,5-triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine(1:1)	CAS: 37640-57-6 EC: 253-575-7 REACH No.: 01-21195107 11-53-XXXX	 3.9/2 STOT RE 2 H373

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Product, at ambient conditions, is not expected to be hazardous by skin contact. Should irritation occur, rinse with water and soap.

In case of contact with molten material, wash with plenty of water. Do not attempt to remove solidified polymer from skin.

In case of eyes contact:

In case of irritation caused by fine dust, rinse with water until irritation dissapears.

In case of contact with molten plastic, wash immediately with cold water and seek medical attention.

In case of Ingestion:

No specific measures. Seek a medical examination and present the safety-data sheet.

In case of Inhalation:

Product fine dust may cause mild respiratory irritation. Ventilate the premises.

In case of irritation from inhalation of processing fumes, remove the patient from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: None in particular

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water spray, CO_2, Foam, Chemical powders, (sand or earth only for small fires), according to the materials involved in the fire.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke. Combustion products: carbon monoxide (CO), Nitrogen oxide (NO2)

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid the formation of dust
Use gloves and protective clothing, while handling molten material.
Spilled product may cause a slipping hazard.
Wear personal protection equipment. Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Meccanically recover the product for re-use if possible, or for elimination.
Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Take proper precautions when transferring, including grounding all equipment and providing an inert atmosphere to prevent electrostatic charge formation. Avoid dust accumulation.
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recomened protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed containers in a dry place, not exposed to direct sunlight. Avoid extreme heat.
Avoid all sources of ignition: heat, sparks, open flame.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values

1,3,5-triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine(1:1) - CAS: 37640-57-6

Worker Industry: 0.00007 mg/l - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

N.A.

8.2. Exposure controls

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use. Wear protective clothing to prevent contact during hot melt conditions.

Protection for hands:

Not needed for normal use. Wear gloves to prevent contact during hot melt conditions.

Respiratory protection:

Not needed for normal use. Use protection for the respiratory tract during hot melt conditions.

Thermal Hazards:

Contact with molten product may cause thermal burns

Environmental exposure controls:

None

Appropriate engineering controls:

None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	solid granulated – different colours	--	--
Odour:	N.A.	--	--
Odour threshold:	N.A.	--	--
pH:	N.A.	--	--
Melting point / freezing point:	220 – 250 °C	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	N.A.	--	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	1.3 – 1.4 g/cm	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	>350°C	--	--
Viscosity:	N.A.	--	--
Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions. Thermal decomposition at temperature > 350 °C.
10.2. Chemical stability
Stable under normal conditions (see section 7 – Storage and handling reccomendations)
10.3. Possibility of hazardous reactions
Under normal conditions of storage and use, hazardous reactions will not occur.
10.4. Conditions to avoid
Stable under normal conditions. Thermal decomposition at temperature > 350 °C.
During processing do not exceed melt temperature recommendations (see product datasheet / specification)
10.5. Incompatible materials
None in particular.
10.6. Hazardous decomposition products
carbon monoxide, carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological information of the mixture:
N.A.
Toxicological information of the main substances found in the mixture:
1,3,5-triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine(1:1) - CAS: 37640-57-6
a) acute toxicity:
Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg - Source: OECD Linea guida 423
b) skin corrosion/irritation:
Test: Skin Irritant No
c) serious eye damage/irritation:
Test: Eye Irritant No

If not differently specified, the information required in Regulation (EU)2015/830 listed below must be considered as N.A.:
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.

SECTION 12:Ecological information

12.1. Toxicity
Adopt good working practices, so that the product is not released into the environment.
1,3,5-triazine-2,4,6(1H,3H,5H)-trione, compound with 1,3,5-triazine-2,4,6-triamine(1:1) - CAS: 37640-57-6
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish = 10000 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia = 100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae = 325 mg/l - Duration h: 96
12.2. Persistence and degradability
Non-biodegradable.
12.3. Bioaccumulative potential

N.A.

12.4. Mobility in soil

The product remains in the soil surface.

12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

12.6. Other adverse effects

None

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name

N.A.

14.3. Transport hazard class(es)

N.A.

14.4. Packing group

N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)
Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

None

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.
Regulation (EC) nr 648/2004 (detergents).
1999/13/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

15.2. Chemical safety assessment

No

SECTION 16: Other information

This document is valid for the materials listed below:

- TAROMID B 240 Y2
- TAROMID B 240 Y0
- TAROMID B 260 Y2
- TAROMID B 260 Y0
- TAROMID B 280 Y2
- TAROMID B 280 Y0
- TAROMID B 240 G* Y2
- TAROMID B 240 G* Y0

available versions: W, H, L, MT2, G* (where: G = glass fiber renforced and * = from 1 to 8)

Text of phrases referred to under heading 3:
H373 May cause damage to organs through prolonged or repeated exposure.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.