

Information Data Sheet

Article 32 Regulation (EC) n. 1907/2006 (REACH)

Trade name: GMTX[®] Xi RPP 35 F; GMTX[®] Xi RPP 40 F; GMTX[®] Xi RPP 45 F, GMTX[®] Xi RPP 30 F B
Revision date: 15.10.2024 Version: 1.0.1
Print date: 11.12.2024

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

1.1 Product identifier

GMTX[®] Xi RPP 35 F; GMTX[®] Xi RPP 40 F; GMTX[®] Xi RPP 45 F, GMTX[®] Xi RPP 30 F B

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

Moulding/extrusion.

Uses advised against

None.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Geomatrix SRL

Street

Via Alessandro Volta, 13/A

Postal code/city

Bolzano (BZ), 39100, Italy

Information contact

info@geomatriximpact.com

1.4 Emergency telephone number

IRELAND

National Poisons Information Centre of Ireland (NPIC) Tel. (+353) 01 809 2166 Poisons Information Centre of Ireland – Beaumont Hospital PO Box 1297 Beaumont Road –Dublin– Postcode : 9 Emergency number: (+353) 1 837 9964 (medical professionals) (+353) 1 809 2166 (public).

UNITED KINGDOM

National Poisons Information Service: 111.

National Poisons Information Service (Cardiff) University Hospital Llandough Penlan Road –CF64 2XX– Penarth, Vale Of Glamorgan. Emergency number: (+44) 844 892 0111 24hrs.

National Poisons Information Service (Birmingham Unit) City Hospital Dudley Rd –B187QH– Birmingham, West Midlands Emergency number: (+44) 844 892 0111 24hrs.

National Poisons Information Service (Newcastle Unit) Wolfson Unit Claremont Place –NE2 4HH– Newcastle Upon Tyne. Tel. (+44) 191 2606182 / 191 260618 24hrs.

National Poisons Information Service Edinburgh – Scottish Poisons Information Bureau Royal Infirmary 51 Little France Crescent – EH16 4SA– Edinburgh (+44) 844 892 0111 24hrs.

Regional Medicines and Poisons Information Centre NI – Pharmacy Department Royal Hospital Suite Grosvenor Road – BT12 6BA – Belfast. (+44) 844 892 0111 24hrs.

MALTA

Medicines and Poisons Information Service at Mater Dei Hospital (MDH) – Msida, MSD 2090, Malta Tel. (+356) 2545 6508.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None.

2.2 Label elements

None.

2.3 Other hazards

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This product is not, or does not contain above 0,1%, a substance classified as PBT or vPvB.
It does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH, Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels above 0.1%.

SECTION 3: Composition/information on ingredients

Composite polymer based on recycled polypropylene, vegetable derivatives and natural waxes

3.2 Mixtures

Hazardous ingredients

None.

Further ingredients

None.

3.3 Additional information

All substances contained in the mixture pursuant to Regulation No. 1907/2006/EC (REACH) are exempt in accordance with the provisions of Article 2 paragraphs 2 and 7 letter b) or registered.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Not applicable, the product is in pellets therefore not inhalable.

In case of skin contact

No effects expected. If skin irritation occurs, wash with water and consult a doctor.

After eye contact

Only mechanical effects may occur. In case of pain, consult an ophthalmologist.

After ingestion

No effect expected. Never give anything by mouth to an unconscious person or a person with cramps.

4.2 Most important symptoms and effects, both acute and delayed

None.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder alcohol resistant foam Carbon dioxide (CO₂) Water mist.

Unsuitable extinguishing media

High power water jet.

5.2 Special hazards arising from the substance or mixture

The product is not flammable but is combustible, can burn in fire.

Hazardous combustion products

Carbon dioxide (CO₂) Carbon monoxide Hydrocarbons, aromatic. Hydrocarbons, aliphatic.

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5.3 Advice for firefighters

Remove persons to safety.

Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use appropriate respiratory protection.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove spilled product.

For non-emergency personnel

Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Not applicable.

For cleaning up

No residues are released. No action required.

6.4 Reference to other sections

Reference to other sections Safe handling: see section 7 Personal protection equipment: see section 8.

SECTION 7: Handling and storage



7.1 Precautions for safe handling

Protective measures

Specific requirements or handling rules

Avoid contact with molten material, it causes burns.

Do not breathe gases and fumes resulting from processing.

In the case of processes that involve the formation of dust, do not breathe it. See section 8.

Advice on general occupational hygiene

Follow general industrial safety measures.

7.2 Conditions for safe storage, including any incompatibilities

None expected.

Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place. Protect against UV-radiation/sunlight Humidity.

7.3 Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None.

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8.2 Exposure controls.

Appropriate engineering controls.

If local exhaust ventilation is not possible or not sufficient, the entire working area must be ventilated by technical means. If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Personal protection equipment



When using do not eat, drink, smoke, sniff.

Eye/face protection

Suitable eye protection

It is recommended to use eyeglasses with side protection DIN EN 166.

Skin protection

Hand protection

It is recommended to use tested protective gloves DIN EN 374.

Suitable material

Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber) PVC (Polyvinyl chloride).

Respiratory protection

Usually, no personal breathing protection equipment necessary.

Use respiratory protection in case of formation of dust or gases and fumes resulting from processing.

Thermal hazards

Use appropriate protective equipment when exposed to molten product.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Physical State:		Pellets
Odour:		weak woody
Colour		Gray / Adjustable
Melting point/melting range:		not determined
Initial boiling point and boiling range:	(1013 hPa)	not applicable
Decomposition temperature:		not determined
Softening point		160-165 °C
Flash point:		not applicable
Ignition temperature:	>	300 °C
Flammable solids:		No classification is proposed, based on
Lower explosion limit:		not determined
Upper explosion limit:		not determined
Explosive properties:	According to the composition of the product and the experience with this product, a hazard will not be expected if material is dealt appropriately.	
Vapour pressure	(20 °C)	negligible
Relative density:	(20 °C) approx.	0,6 (Water = 1)
Water solubility:	(20 °C)	insoluble
Soluble in:	(20 °C)	insoluble o.s.
pH:		not applicable

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Log Pow	(20 °C)	Not available
Viscosity:	(20 °C)	not applicable
Odour threshold:		not applicable
Relative vapour density:	(20 °C)	not applicable
Evaporation rate:		not applicable
Oxidizing properties		Not oxidising

9.2 Other information

None.

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature. See section 7.
No additional measures necessary.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Avoid prolonged storage at high humidity.

10.5 Incompatible materials

None.

10.6 Hazardous decomposition products

Thermal decomposition: At about 230 °C. To avoid decomposition do not overheat.
If burned can release: Carbon dioxide. Carbon monoxide Hydrocarbons, aromatic. Hydrocarbons, aliphatic.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter:	LD50
Exposure route:	Oral
Species:	Rat
Effective dose:	> 2000 mg/kg

Irritant and corrosive effects

Primary irritation to the skin

Not an irritant.

Irritation to eyes

Not an irritant.

Irritation to respiratory tract

Not an irritant.

Sensitisation

In case of skin contact

Not sensitising.

In case of inhalation

Not sensitising.

Repeated dose toxicity (subacute, sub chronic, chronic)

There were no chronic effects or effects at low concentrations.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

The ingredients in this mixture do not meet the criteria for classification as CMR according to CLP.

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STOT–single exposure

No known adverse effects.

STOT–repeated exposure

No known adverse effects.

Aspiration hazard

Not applicable.

11.2 Information on other hazards

Endocrine–disrupting properties

It does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH, Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels above 0.1%.

SECTION 12: Ecological information

Do not allow uncontrolled discharge of product into the environment.

12.1 Toxicity

Aquatic toxicity

No data available.

12.2 Persistence and degradability

Poorly biodegradable.

12.3 Bio accumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

It does not contain any components considered to have endocrine disrupting properties according to Article 57(f) of REACH, Commission Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels above 0.1%.

12.7 Other adverse effects

None.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

The product is recyclable. Dispose according to legislation.

SECTION 14: Transport information

No dangerous good in sense of transport regulations.

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) 1907/2006 (REACH).

Regulation (EC) No 1272/2008 (CLP).

Regulation (EU) 2020/878 requirements for the compilation of safety data sheets.

Amendings, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008:

Commission Regulation (EC) No 790/2009 (I ATP). Commission Regulation (EU) No 286/2011(II ATP). Commission

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Regulation (EU) No 618/2012 (III ATP). Commission Regulation (EU) No 487/2013 (IV ATP). Commission Regulation (EU) No 944/2013 (V ATP). Commission Regulation (EU) No 605/2014 (VI ATP). Commission Regulation (EU) No 1297/2014 (VII ATP). Commission Regulation (EU) No 2015/1221 (VIII ATP). Commission Regulation (EU) No 2016/1179 (IX ATP). Commission Regulation 2017/776 (EU) No (X ATP). Regulation (EU) No 2018/669 (XI ATP). Regulation (EU) No 2019/521 (XII ATP). Regulation (EU) No 2018/1480 (XIII ATP). Regulation (EU) No 2020/217 (XIV ATP). Regulation (EU) No 2020/1182 (XV ATP). Regulation (EU) No 2021/643 (XVI ATP). Regulation (EU) No 2021/849 (XVII ATP). Regulation (EU) No 2022/692 (XVIII ATP). Regulation (EU) No 2023/1434 (XIX ATP). Regulation (EU) No 2023/1435 (XX ATP).

Authorisations and/or restrictions on use

Restrictions on use

None.

Other regulations (EU)

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive] This product is not classified according to Directive 2012/18/EU.

Regulation (CE) 1907/2006: Substance of very high concern included in the SVHC Candidate List

None.

15.2 Chemical safety assessment

No safety chemical assessments are required for the substances in this mixture.

SECTION 16: Other information

16.1 Indication of changes

None.

16.2 Abbreviations and acronyms

LEGENDA:

ADR:	Accord européen relative au transport international des marchandises dangereuses par route
ASTM:	ASTM International, originariamente nota come American Society for Testing and Materials (ASTM)
EINECS:	European Inventory of Existing Commercial Chemical Substances)
EC (0/50/100):	Effective Concentration 0/50/100)
LC (0/50/100):	Lethal Concentration 0/50/100)
IC50:	Inhibitor Concentration 50
NOEL:	No Observed Effect Level
NOEC:	No Observed Effect Concentration
LOEC:	Lowest Observed Effect Concentration
DNEL:	Derived No Effect Level
DMEL:	Derived Minimum Effect Level
CLP:	Classification, Labelling and Packaging
CSR:	Chemical Safety Report
LD (0/50/100):	Lethal Dose 0/50/100
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
Code IMDG:	International Maritime Dangerous Goods code
PBT:	Persistent, bioaccumulative and toxic
RID:	Règlement concernant le transport International ferroviaire des marchandises Dangereuses
STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average (media ponderata nel tempo)
UE:	Unione Europea
vPvB:	Very persistent very bioaccumulative (sostanze molto persistenti e molto bioaccumulabili)
N.D.:	Non disponibile.
N.A.:	Non applicabile

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AwSV.: Ordinance on facilities for handling substances that are hazardous to water (Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV))
PNEC: Predicted No Effect Concentration
PNOS: Particulates not Otherwise Specified
BOD: Biochemical Oxygen Demand
COD: Chemical Oxygen Demand
BCF: BioConcentration Factor
TRGS: Technische Regeln für Gefahrstoffe – Technical Rules for Hazardous Substances, defined by The Federal Institute for Occupational Safety and Health, Germany
LCLo: Lethal Concentration Low
ThOD: Theoretical Oxygen Demand

16.3 Key literature references and sources for data

None.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Not applicable.

16.5 Relevant H- and EUH-phrases (Number and full text)

None.

16.6 Training advice

None.

16.7 Additional information

None.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

GEOMATRIX Srl

Via Alessandro Volta, 13/A

39100 Bolzano (BZ), Italy

E-Mail: info@geomatriximpact.com

Website: www.geomatriximpact.com

P.IVA: 03274540214