

SAFETY DATA SHEET

According to 830/2015/EC

SAFEROAD®**MULTICOMPONENT MASS GRAVIPLAST 200**

Printing date: 05.11.2014

Revision: 10.09.2018

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**Chemical name: **MULTICOMPONENT MASS GRAVIPLAST 200****1.2. Relevant identified uses of the substance or mixture and uses advised against****Professional use** - Solvent free, one component thermoplastic material for machine and hand application. Dedicated for permanent marking, film thickness from 2 up to 5 mm.**1.3. Details of the supplier of the safety data sheet**Saferoad Grawil Sp. z o.o.
ul. Komunalna 7
87-800 Włocławek
tel.: +48 54 412 49 10
fax: +48 54 412 48 85**1.4. Emergency telephone number**Fire brigade 998
Ambulance 999
Nationwide emergency call 112**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 (CLP)**

The product is not classified as hazardous according to Regulation (EC) 1272/2008

2.2. Label elements

Labeling according to Regulation (EC) No 1272/2008

Pictograms: none**Signal word:** none**Hazard statements**

none

Precautionary statements**Prevention****P260** Do not breathe dust.**P273** Avoid release to the environment.**Response**

none

Storage

none

Disposal

none

Supplemental information

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EUH210 Safety data sheet available on request.

2.3. Other hazards

All chemicals are potentially dangerous.

They are therefore only be handled by specially trained personnel with the necessary care.

Material does not meet the criteria for PBT or vPvB in accordance with REACH Annex XIII.

Risk of fire, explosion hazard of dust.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical nature:** A mixture of hydrocarbon resin, plasticizers, glass microspheres and excipients.

Name of substance	Identifier	Classification 1272/2008	% weight
mixture of hydrocarbon resin	Index --	--	<20
[PVC resin; chlorinated ethene, chloro-, homopolymer, chlorinated polyvinyl chloride]	CAS 68648-82-8 EC --		

SECTION 4: First aid measures**4.1. Description of first aid measures****Attention:**

Immediately leave the contaminated area; take deep breaths of fresh air.

Lay the victim on his/her side with the head lower than the body.

If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

Seek medical advice immediately (show the label where possible).

Inhalation:

Immediately leave the contaminated area; take deep breaths of fresh air

If the person breathe large amount of dust, move the exposed person to fresh air.

Seek medical advice.

Ingestion:

If victim is conscious and alert, give 2-3 glasses of water to drink. Do not induce vomiting.

Seek immediate medical advice.

Eye contact:

Immediately flush eyes with large amounts of water for at least 15 minutes while holding the eyelids open to ensure that the entire surface is flushed. Do not put any ointments, oils or medication.

Seek medical advice.

Skin contact:

Immediately wash with water and soap and rinse thoroughly. Wash contaminated clothing before reuse.

If irritation persists, seek medical attention.

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

Carcinogenic effects: Not available.

Mutagenic effects: Not available.

Teratogenic effects: Not available.

Developmental toxicity: Not available. Repeated or prolonged exposure is not known to aggravate medical condition.

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

No additional information available.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon oxides (CO + CO₂).

Sulphur oxides (SO_x),

Hydrogen chloride (HCl).

Protective equipment:

High temperatures may cause pressure build-up in closed containers.

During the thermal decomposition produced of harmful compounds.

Reduce dust with water spray.

Explosive mixture:

The product is not explosive. However, dust may form an explosive mixture with air.

5.3. Advice for firefighters

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Clothing resistant to high temperatures.

Independent self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (section 8).

Avoid contact with skin, eye and nose.

Do not breathe dust.

Do not let this chemical enter the environment.

6.2. Environmental precautions

Avoid direct discharge into drains.

6.3. Methods and material for containment and cleaning up

Stop leak if without risk.

Use appropriate tools to put the spilled liquid in a convenient waste disposal container. If necessary:

Collect up the product and place it in a sealable container. Suitably labeled.

Transfer carefully to container.

Then take the spare containers to an area reserved for subsequent recycling or disposal.

Do not put the cast down material back into the original container, for re-use.

Do not breathe dust.

Avoid prolonged or repeated exposure.

Wash site spillage thoroughly with water.

6.4. Reference to other sections

Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat. Keep away from sources of ignition.

Do not ingest.

Do not breathe dust. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label.

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Avoid contact with skin and eyes

Keep away from incompatibles such as reducing agents, organic materials, metals, acids, moisture.

Store in a cool, dry place. Keep container closed when not in use. No special precautions

Store in vented containers.

7.2. Conditions for safe storage, including any incompatibilities

Oxidizing materials should be stored in a separate safety storage cabinet or room.

7.3. Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The product does not contain any relevant quantities of material with critical values that have to be monitored at the workplace.

8.2. Exposure controls

Engineering Controls:

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits for dust.

If user operations generate dust, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

Eye protection (hot process)



Safety goggles.

Protection of hands



The selected protective rubber gloves have to satisfy the specifications of UE Directive 89-689-EEC and standard EN 374 derived from it.

The glove material has to be impermeable and resistant to the mixture.

Selection of glove material on consideration of the penetration times, rates of diffusion and the degradation.

Respiratory protection



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Body protection

In case of pouring big amounts.

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SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Appearance:	Solid (granulates).
Color:	White.
Odour:	No data.
Odor threshold:	No data available
pH-value:	Not applicable.
Softening temperature:	95°C [according to DIN 1996]
Boiling Point:	No data.
Decomposition temp.:	No data.
Flash point:	>150°C
Upper / lower explosion limit, % vol.:	Not available.
Flammability (solid, gaseous):	No data.
Autoignition temperature:	No data.
Density at 20°C:	2,0 g/cm ³
Bulk density:	No data.
Solubility in / Miscibility with water at 20°C:	Immiscible.
Vapour pressure:	Not applicable.
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Segregation coefficient (n-octanol/water):	Not applicable.
Viscosity:	Not applicable.
Explosive properties:	The product is not explosive. However, dust may form an explosive mixture with air.
Oxidising properties:	No oxidizing properties

9.2. Other information

No data.

SECTION 10: Stability and reactivity**10.1. Reactivity**

Not reactive if used according to specifications.

10.2. Chemical stability

Under normal storage and use of the substance is chemically stable.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Heating.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Do not occur if used according to specifications.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

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Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1. Toxicity****Ecotoxicity:**

No data.

12.2. Persistence and degradability

No data.

12.3. Bioaccumulative potential

No data.

12.4. Mobility in soil and water

Insoluble in water.

12.5. Results of PBT and vPvB assessment

The mixture does not fulfil the PBT criteria (not PBT) and not the vPvB criteria (not vPvB).

12.6. Other adverse effects

No data.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Product:****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Reutilise if possible or contact a waste processors for recycling or safe disposal.

Waste disposal key:

The European Union does not establish uniform rules for the disposal of chemical waste, which are special waste. Their treatment and elimination of the domestic legislation of each country. So, in each case, you should contact the relevant authorities, or those companies legally authorized for elimination of waste. 2001/573/EC: Council Decision of 23 July 2001 amending the list of wastes contained in Decision 2000/532/EC. Council Directive 91/156/EEC of 18 March 1991 amending Directive 75/442/EEC on waste.

Uncleaned packaging:

The containers and packing materials contaminated with dangerous substances or preparations, have the same treatment products.

Directive 94/62/EC of the European Parliament and the Council of 20 December 1994 on packaging and

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packaging waste.

Recommendation:

Disposal must be made according to official regulations.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport information

	ADR/RID
14.1. UN number	No data
14.2. UN proper shipping name	No data
14.3. Transport hazard class(es)	No data
Labels	No data
14.4. Packing group	No data
14.5. Environmental hazards	No
14.6. Special precautions for user	Not available
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not available

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

- Regulation (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (REACH).
- REGULATION (EC) No 1907/2006 OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
- COMMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

15.2. Chemical safety assessment

A Chemical Safety Assessment has not been carried out for this mixture.

SECTION 16: Other information

This information is based on the present state of our knowledge, they are no assurance of product features and shall not establish a contractual relationship.

Abbreviations and Acronyms:

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

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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

ICAO: International Civil Aviation Organization

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

PP: Severe Marine Pollutant

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

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

Note to readers

The information in this SDS is based on our current knowledge and the current legislation.

The product shall not, without first obtaining written Instructions for purposes other than those mentioned in Section 1 purpose be used. It is always the user's responsibility to ensure compliance with statutory Provisions to ensure.

The information in this Safety Data Sheet describing the safety requirements for our product.

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