

**Safety Data Sheet**

according to UK REACH Regulation

**RAVATECH RO24980AT2000**

Revision date: 19.01.2023

Product code: 3921

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

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

Automotive, construction, electric &amp; electronic, industrial and food contact applications

**Uses advised against**

Medical application

**1.3. Details of the supplier of the safety data sheet**

Company name: Ravago Petrokimya Üretim A.S.  
Street: Çoraklar Mh. 5000 Sok. N:7-17 Aliaga Org.San.Bölg.  
Place: TR Aliaga / IZMIR (Turkey)  
Telephone: +90 850 314 70 99  
e-mail: semanur.yildiz@ravago.com / suleyman.gumus@ravago.com  
Contact person: Semanur YILDIZ / Suleyman Telephone: 0 850 314 70 99  
GUMUS  
e-mail: semanur.yildiz@ravago.com / suleyman.gumus@ravago.com  
Internet: www.ravagopetrokimya.com.tr

**1.4. Emergency telephone number:**

0 850 314 70 99  
Only during office hours ( 8 am - 5 pm )

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****Chemical characterization**

Thermoplastic Polyester Elastomer (TPE-E)

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

First aider: Pay attention to self-protection!  
Provide adequate ventilation.

**After inhalation**

Provide adequate ventilation.  
In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.  
Consult physician.

**After contact with skin**

The melted product can cause severe burns.  
Do not use force or solvents to remove product incrustations from affected skin areas.  
After contact with molten product, cool skin area rapidly with cold water.

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Consult physician.

**After contact with eyes**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**After ingestion**

Do NOT induce vomiting.

Consult physician.

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

Burns caused by molten material must be treated clinically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water and Foam. Carbon dioxide (CO2). Extinguishing powder. Sand.

**Unsuitable extinguishing media**

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**5.2. Special hazards arising from the substance or mixture**

Carbon dioxide Carbon monoxide hydrocarbons.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

**Additional information**

In case of fire and/or explosion do not breathe fumes.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****General advice**

High slip hazard because of leaking or spilled product. (Granulate)

**6.2. Environmental precautions**

Clean contaminated articles and floor according to the environmental legislation.

**6.3. Methods and material for containment and cleaning up****Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation.

Provide earthing of containers, equipment, pumps and ventilation facilities.

**Advice on protection against fire and explosion**

Avoid sources of ignition : heat, sparks, open fire.

**Further information on handling**

Avoid formation of dust. Dust can generate an explosive mixture with air. Foresee adequate extraction. When grinding, take into account measures to avoid dust explosion.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep in a cool place. Provide adequate ventilation.

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**Hints on joint storage**

storage temperature: &lt; 40 °C unlimited durability.

**Further information on storage conditions**

Shelf-life: 1 year

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

For some additives used in this product exposure limits exist. However, they are incorporated in the product and under normal processing conditions no exposure is to be expected.

**8.2. Exposure controls****Protective and hygiene measures**

Provide adequate ventilation.

When using do not eat, drink or smoke. Do not breathe dust.

**Eye/face protection**

Wear eye/face protection.

**Hand protection**

Wear suitable gloves.

**Skin protection**

Only wear fitting, comfortable and clean protective clothing.

**Respiratory protection**

Respiratory protection necessary at: In the case of the formation of dust (half-mask with filter (DIN EN 149).)

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

Physical state:	solid (Granulate)
Colour:	various
Odour:	odourless

**Test method****Changes in the physical state**

Melting point/freezing point: 140-240 °C

Flash point: not applicable

**Oxidizing properties**

not applicable

Density: 1,08-1,12 g/cm<sup>3</sup> ISO 1183

Water solubility: insoluble

**9.2. Other information**

point of decomposition &gt; 300 °C

Point of auto-ignition &gt;370 °C

**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

Temperatures above thermal decomposition.

**10.5. Incompatible materials**

Not known.

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**10.6. Hazardous decomposition products**

Carbon dioxide Carbon monoxide hydrocarbons.

**Further information**

No risks worthy of mention.

**SECTION 11: Toxicological information****11.1. Information on hazard classes as defined in GB CLP Regulation****Toxicokinetics, metabolism and distribution**

No data available.

**Acute toxicity**

No data available.

**Irritation and corrosivity**

No data available.

**Sensitising effects**

No data available.

**Carcinogenic/mutagenic/toxic effects for reproduction**

No data available.

**STOT-single exposure**

No data available.

**STOT-repeated exposure**

No data available.

**Aspiration hazard**

No data available.

**Specific effects in experiment on an animal**

No data available.

**Practical experience**

No data available.

**Further information**

No data available.

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

No data available.

**12.2. Persistence and degradability**

Experience so far shows this product to be inert and not degradable.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No data available.

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**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Material recycling possible. Refer to manufacturer or supplier for information on recovery or recycling.

Dispose of waste in own country; otherwise, follow EC regulations. Remove according to the regulations.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Inland waterways transport (ADN)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Marine transport (IMDG)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Air transport (ICAO-TI/IATA-DGR)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

**National regulatory information****SECTION 16: Other information****Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1272/2008 based on information as is available per July 2017 ( date of entry into force ). That information that is not yet filled in depends on the input we receive from our suppliers following

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the time scale as foreseen by EC 1272/2008 and depends solely on the registration of the concerned substances.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*