

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 67580 Special Gum 1650

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Revised edition: 26.06.2024

Version: 5.0

Printed: 13.09.2024

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### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Special Gum 1650

*Article No.:* 67580

*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Industrial use

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

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### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*Static charging.*

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### 3. Composition/Information on Ingredients

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### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:* Styrene-ethylene/Butylene-styrene block copolymer (SEBS)

*Information on Components / Hazardous Ingredients:*

Styrene-ethylene/Butylene-styrene block copolymer (SEBS)	< 100 %	CAS-Nr: 66070-58-4 EINECS-Nr: EC-Nr:
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Silicium dioxide, SiO <sub>2</sub> (amorphous); REACH Reg. No. 01-2119379499-16	< 1 %	CAS-Nr: 7631-86-9 EINECS-Nr: 231-545-4 EC-Nr:
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*Additional information:*

*This product/this mixture contains nanoforms.  
Particle size: < 0.1 µm agglomerates*

## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Supply fresh air. Consult physician if symptoms persist.*

*After skin contact:*

*Wash off immediately with soap and plenty of water.  
If symptoms persist, consult a physician.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Rinse mouth with plenty of water.  
If symptoms persist consult physician.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*Dust can cause irritation of the respiratory tract, skin and eyes.  
Repeated exposure may cause dry skin.*

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*Treat symptomatically.*

## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*CO<sub>2</sub>, extinguishing powder, water spray.*

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*Unsuitable extinguishing media:*

*Never apply a strong water jet.*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*In case of fire: formation of carbon monoxide and dioxide.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device and full protective gear.*

*Further information:*

*Cool exposed containers with water spray.*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Wear protective clothing.*

*Avoid inhalation of dust.*

*Floor may be slippery; use care to avoid falling.*

*Keep away from sources of ignition. No smoking.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.*

### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

*Dispose of contaminated material according to Section 13.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation of dust. Do not inhale dust.*

*Do not breathe fumes or vapors of heated product.*

*Hygienic measures:*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in a cool and dry place.*

*Protect against heat, ignition sources and direct sunlight.*

*Avoid storage under pressure or at elevated temperatures to minimize particulate clustering.*

*Do not stack Flexible Intermediate Bulk Containers (FIBCs) nor palletized bags.*

*Store at room temperature.*

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*Requirements for storage areas and containers:*

*Information on fire and explosion protection:*

*Keep away from sources of heat and ignition - do not smoke.  
Take measures to prevent static electricity discharge, earth/ground all equipment.  
Degradation of the polymer will start at lower temperatures depending on the specific processing conditions. Therefore, operating at lower temp. does not guarantee the absence of product degradation.*

*Storage class:*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)  
TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)  
Silica, Amorphous (8h, TWA): 6 mg/m<sup>3</sup>; 2.4 mg/m<sup>3</sup> (respirable dust)*

*Parameters to be controlled:*

*Silica, Quartz (8h, air-borne; TWA): 0.15 mg/m<sup>3</sup> (AT; CH); 0.1 mg/m<sup>3</sup> (FR; NO; GB; SE; BE; DK); 0.05 mg/m<sup>3</sup> (IT; ES)*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Adequate ventilation.*

*Personal Protection*

*General protective measures:*

*Wash contaminated clothes before reuse.  
Do not eat, drink or smoke during work.*

*Respiratory protection:*

*In case of formation of dust/vapor.*

*Hand protection:*

*Protective gloves*

*Protective glove material:*

*Eye protection:*

*Chemical splash goggles (EN 166).*

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### *Body protection:*

*Protective clothing, chemical resistant safety shoes.*

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### *Environmental precautions:*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>solid</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not applicable</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>not flammable</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>0.88 - 0.95 g/cm<sup>3</sup> (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	

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*not available*

*Explosive properties:*

*not explosive*

*Oxidizing properties:*

*none*

*Bulk density:*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable at room temperature. Oxidizes exothermically above ambient temperature.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Risk of spontaneous ignition at high temperatures.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid direct sunlight and heat.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*Strong acids, bases and oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*In case of fire: formation of carbon monoxide, carbon dioxide and hydrocarbons.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*Exposure to the substance or mixture can be harmful.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

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### Primary effects

*Irritant effect on skin:*

*Non irritating*

*Irritant effect on eyes:*

*Dust may irritate eyes.*

*Inhalation:*

*Dust can cause irritation of the respiratory system.  
Vapors/fumes can cause irritation of the respiratory tract, slight pain in throat, coughing or breathing difficulties.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No sensitizing effect (guinea pig).*

*Mutagenicity:*

*SEBS: In vitro Bacterial Reverse Mutation Test (Escherichia coli; OECD 471), In vitro genetic-toxicity: Ames-Test (Salmonella typhimurium; OECD 471): negative*

*Reproductive toxicity:*

*No reproductive toxicity expected.*

*Carcinogenicity:*

*This product is not considered to be a carcinogen by IARC,ACGIH, NTP or OSHA.*

*Teratogenicity:*

*No relevant data found.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard:*

*No risk of aspiration.*

### 11. 2. Information on other Hazards

*Endocrine Disrupting Properties:*

*This substance/mixture does not contain any components with endocrine disrupting properties in a percentage of 0.1 or greater, according to Article 57(f) of the REACH Regulation (EC) No. 1907/2006 or the Delegated Regulation (EC) 2017/2100 or the Delegated Regulation (EC) 2018/605.*

*SEBS: IN Vitro Haemolysis Study in Red Blood Cells, Japanese MHLW: No significant and/or relevant adverse effects reported.*

*ISO 10993-5 Elution Method in Vitro Cytotoxicity Study: No significant and/or relevant adverse effects reported.*

*USP Muscle Implantation Study in Rabbits (7 days): No significant and/or relevant adverse effects reported.*

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## 12. Ecological Information

### 12. 1. Aquatic Toxicity

*Not hazardous to the aquatic environment.*

*Fish toxicity:*

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*LC50: > 1000 mg/l (96h, Oncorhynchus mykiss)*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*Not biodegradable.*

### 12.3. Bioaccumulation

*No bioaccumulation.*

### 12.4. Mobility

*No information available.*

### 12.5. Results of PBT- und vPvP Assessment

*This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).*

### 12.6. Endocrine Disrupting Properties

*This substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) No. 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1 % or higher.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*No negative effects.*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Non-contaminated packaging may be recycled.*

*Contaminated packaging must be disposed like the substance.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land next page: 9*

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*transportation).*

*IMDG/IATA:*

*Not hazardous goods*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*Not classified as environmentally hazardous.*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Maritime Transport in Bulk according to IMO Instruments

*not applicable*

### 14.8. Further Information

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## 15. Regulatory Information

### 15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable*

*Technical instructions on air quality:*

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## 15.2. Chemical Safety Assessment

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

## 15.3. Further Information

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EC) 850/2004 - Persistent Organic Pollutants and amending Directive 79/117/EEC: not regulated / not applicable*

*Regulation (EU) 2019/1021 - Persistent organic pollutants: not regulated / not applicable*

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## 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*