

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 1

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

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

1.1. Product Identifier

Product Name: Raw Sienna brownish

Article No.: 40410

UFI: --

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

Identified uses:
Coloring agent

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:

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)

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

Hazard designation:
Not applicable.

Signal word:

Hazard designation:

Safety designation:

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

next page: 2

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 2

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

3.1. Substance

3.2. Mixture

Chemical Characterization: Natural ochre from Italy. Pigment Yellow 43, C.I. 77492

Information on Components / Hazardous Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

No special measures required.

After inhalation:

Take affected person to fresh air.

After skin contact:

Wash with soap and rinse with plenty of water.

After eye contact:

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

After ingestion:

If symptoms persist consult physician.

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

Symptoms:

No further information available.

Effects:

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

Treatment:

No special first-aid measures necessary.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

*Use extinguishing media for surrounding fire.
Product itself does not burn.*

Unsuitable extinguishing media:

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

Do not inhale fumes.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

next page: 3

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 3

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

Avoid formation of dust.

6.2. Environmental Precautions

Environmental precautions:

No special measures required.

6.3. Methods and Material for Containment and Cleaning Up

Methods and material:

Clean up mechanically. Avoid dust formation.

6.4. Reference to other Sections

7. Handling and Storage

7.1. Precautions for Safe Handling

Instructions on safe handling:

Avoid formation and deposition of dust. Provide adequate ventilation.

Hygienic measures:

Wash hands at the end of work. Preventive skin protection recommended.

7.2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

Store in a cool and dry place.

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Do not store together with: foodstuffs, beverages and feed.

Storage class:

10-13 (TRSG 510)

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: 1.5 mg/m³ air-borne fraction (general dust limit)

Parameters to be controlled:

*WEL (GB): 10 mg/m³ (inhalable); 4 mg/m³ (respirable)
ACGIH TWA (USA): 5 mg/m³ respirable fraction*

next page: 4

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 4

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

VLA (ES): 5 mg/m³ (TWA, 8h); VLEP (FR): 5 mg/m³ (TWA, 8h)

Derived No-Effect Level (DNEL):

PNEC (Predicted No-Effect Concentration):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

*Do not inhale dust. Do not eat, drink or smoke while working.
Wash hands before breaks and at the end of work.*

Respiratory protection:

In case of formation of dust.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses (EN 166)

Body protection:

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: powder

Color: yellow-brown

Odor: odorless

Odor threshold:
no information available

pH-Value:

Melting temperature:
not available

Boiling temperature:
not applicable

Flash point:
not combustible

Evaporation rate:
not applicable

Flammability (solid, gas):

next page: 5

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 5

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

not applicable

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

insoluble

*Coefficient of variation (n-
Octanol/Water):*

no information available

Auto-ignition temperature:

not applicable

Decomposition temperature:

No data available.

Viscosity, dynamic:

not applicable

Explosive properties:

not applicable

Oxidizing properties:

no information available

Bulk density:

not determined

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

next page: 6

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 6

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

No information available.

10.7. Further Information

11. Toxicological Information

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

Acute Toxicity

LD50, oral:

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

Dust may irritate eyes.

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

next page: 7

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 7

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

No risk of aspiration.

11.2. Information on other Hazards

Endocrine Disrupting Properties: no information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

Product is not water soluble.

12.5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain any PBT or vPvB substances in percentage greater than 0.1 %.

12.6. Endocrine Disrupting Properties

This product does not contain components considered to have endocrine disrupting properties.

12.7. Other Adverse Effects

Water hazard class:

Behaviour in sewage systems:

Further ecological effects:

Natural product. Environmentally not hazardous.

AOX Value:

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.

Waste Code No.:

14. Transport Information

next page: 8

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 8

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

14. 1.	UN Number	
	<i>ADR, IMDG, IATA</i>	
14. 2.	UN Proper Shipping Name	
	<i>ADR/RID:</i>	<i>No hazardous goods according to ADR / DOT (US) (land transportation).</i>
	<i>IMDG/IATA:</i>	<i>Not hazardous goods</i>
14. 3.	Transport Hazard Classes	
	<i>ADR Class:</i>	<i>not applicable</i>
	<i>Hazard no.:</i>	
	<i>Classification code:</i>	
	<i>Tunnel restriction code:</i>	
	<i>IMDG Class (sea):</i>	<i>not applicable</i>
	<i>Hazard no.:</i>	
	<i>EmS No.:</i>	
	<i>IATA Class:</i>	<i>not applicable</i>
	<i>Hazard no.:</i>	
14. 4.	Packaging Group	
	<i>ADR/RID:</i>	<i>not applicable</i>
	<i>IMDG:</i>	
	<i>IATA:</i>	
14. 5.	Environmental Hazards	<i>None</i>
14. 6.	Special Precautions for User	<i>Not classified as a dangerous good under transport regulations.</i>
14. 7.	Maritime Transport in Bulk according to IMO Instruments	
14. 8.	Further Information	
15.	Regulatory Information	
15. 1.	Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture	
	<i>Water hazard class:</i>	<i>0, not hazardous (German Regulation)</i>
	<i>Local regulations on chemical accidents:</i>	<i>Seveso III Directive: not applicable under Directive 2012/18/EC.</i>

Safety Data Sheet

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



40410 Raw Sienna brownish

Page 9

Revised edition: 02.10.2024

Version: 1

Printed: 05.03.2025

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

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

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.