



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

1. Identification

Product identifier

Product name BASE POWDER

Recommended use of the chemical and restrictions on use

Application Coverings. Resin Systems. Industrial use. Professional use.

Uses advised against No specific uses advised against are identified. Use only for intended applications.

Details of the supplier of the safety data sheet

Supplier DEKA BOYA SANAYİ VE TİCARET A.Ş.
S.S.İstanbul Mermerciler Küçük San.Sitesi Yapı Koop.
34.Cd.No:3 41490 Dilovası - Kocaeli / TURKEY
Tel: +90(262) 728 10 88 (Pbx) F:+90(262) 728 10 71
E-mail: info@sandeco.com.tr
www.sandeco.com.tr

Contact Person Kenan HAYAL - kenan.hayal@sandeco.com.tr

Emergency telephone number

Emergency telephone Call the supplier's phone number.
Company Emergency: +90 (262) 728 10 88

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2A - H319 Skin Sens. 1 - H317 STOT SE 3 - H335

Environmental hazards Not Classified

Label elements

Hazard symbols



Signal word Warning

Hazard statements H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary statements P261 Avoid breathing dust.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/ doctor.
P362+P364 Take off contaminated clothing and wash it before reuse.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Contains Cement, portland, chemical



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Other hazards

This product does not contain any substances classified as PBT or vPvB.

This preparation contains cement. Contact between cement and body fluids (e.g. sweat and eye fluids) may cause irritation or burns.

3. Composition/information on ingredients

Mixtures

Quartz sand	50-70%
--------------------	---------------

CAS number: 14808-60-7

Classification

Not Classified

Cement, portland, chemicals	25-50%
------------------------------------	---------------

CAS number: 65997-15-1

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2A - H319

Skin Sens. 1 - H317

STOT SE 3 - H335

Quartz (SiO₂)	<1%
---------------------------------	---------------

CAS number: 14808-60-7

Classification

STOT RE 2 - H373

The full text for all hazard statements is displayed in Section 16.

Composition comments

See section 8 for workplace exposure limits.

4. First-aid measures

Description of first aid measures

General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

Inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact

It is important to remove the substance from the skin immediately. In the event of any sensitization symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognized skin cleansing agent. Get medical attention if any discomfort continues.

Eye contact

Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.

Protection of first aiders

First aid personnel should wear appropriate protective equipment during any rescue.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Headache. Dizziness. Coughing. Dust is severely irritating to the upper respiratory system.
Ingestion	May cause irritation. May cause discomfort. Severe stomach pain. May cause nausea, headache, dizziness and intoxication.
Skin contact	Irritating to skin. Redness. Allergic rash. Dryness and/or cracking. Inflammation, with erythema, scabs, and oedema.
Eye contact	Severe irritation, burning, tearing and blurred vision. Pain. Corneal damage.

Indication of immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
-----------------------------	------------------------

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards	In case of fire and/or explosion do not breathe fumes. Dust may form explosive mixture with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting	Avoid breathing fire gases or vapors. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. Provide adequate ventilation. Do not enter storage areas or confined spaces unless adequately ventilated. Avoid contact with skin and eyes. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material.
-----------------------------	--

Environmental precautions

Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.
----------------------------------	---



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Methods and material for containment and cleaning up

Methods for cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all sources of ignition. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections

For personal protection, see Section 8.
See Section 11 for additional information on health hazards.

7. Handling and storage

Precautions for safe handling

Usage precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Prevent accumulation of dust. Do not breathe dust. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Do not reuse empty containers.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Persons susceptible to allergic reactions should not handle this product. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect containers from damage. Protect from sunlight. Only store in correctly labeled containers. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store away from incompatible materials (see Section 10).

Storage class

Miscellaneous hazardous material storage.

Specific end uses(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Quartz sand

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m³ respirable dust

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction

A2

Cement, portland, chemicals

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust

Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable dust

Quartz (SiO₂)

Long-term exposure limit (8-hour TWA): OSHA 0.05 mg/m³

Long-term exposure limit (8-hour TWA): ACGIH: American Conference of Governmental Industrial Hygienists 0.025 mg/m³ respirable dust

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A2 = Suspected Human Carcinogen.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Quartz sand (CAS: 14808-60-7)

Immediate danger to life and health

25 mg/m³ 50 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Eye wash facilities and emergency shower must be available when handling this product. Provide shower facilities near the workplace.

Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.

Hand protection

Wear protective gloves. Frequent changes are recommended. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection

May cause skin sensitization or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.

Hygiene measures

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Check that the respirator fits tightly and the filter is changed regularly. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Change filter cartridge on respirator daily. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved.

Environmental exposure controls Keep container tightly sealed when not in use. Avoid release to the environment.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid. Powder.
Color	Various colors.
Odor	Characteristic.
Odor threshold	No information available.
pH	pH (diluted solution): 12-12.5 (10% solution)
Melting point	No information available.
Initial boiling point and range	No information available. Flash
point	No information available.
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Vapor density	No information available.
Relative density	No information available.
Density	1.4 g/cm ³ @23°C
Solubility(ies)	Partly miscible in water.
Partition coefficient	No information available.
Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Oxidizing properties	No information available.
Other information	No information required.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

10. Stability and reactivity

Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	Dust may form explosive mixture with air.
Conditions to avoid	Avoid exposure to high temperatures or direct sunlight. Avoid the accumulation of dust. Avoid dust close to ignition sources.
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapors.

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitization

Respiratory sensitization Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization May cause skin sensitization or allergic reactions in sensitive individuals.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

IARC carcinogenicity

Contains a substance/a group of substances which may cause cancer. IARC Group 1 Carcinogenic to humans.

Reproductive toxicity

Reproductive toxicity - fertility Based on available data the classification criteria are not met.

Reproductive toxicity –development Based on available data the classification criteria are not met.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

STOT SE 3 - H335 May cause respiratory irritation.

Target organs

Respiratory system, lungs

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard

Not relevant. Solid.

Toxicological information on ingredients.

Quartz sand

Acute toxicity - oral

Summary

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Summary

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Summary

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Skin sensitization

Skin sensitization

Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity

Based on available data the classification criteria are not met.

IARC carcinogenicity

IARC Group 1 Carcinogenic to humans.

NTP carcinogenicity

Known human carcinogen.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Aspiration hazard

Aspiration hazard Not relevant.

Dust may irritate the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Ingestion May cause discomfort if swallowed. May cause stomach pain or vomiting.

Skin Contact Prolonged contact may cause dryness of the skin.

Eye contact Dust may cause slight irritation.

12. Ecological information

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

Ecological information on ingredients.

Quartz sand

Ecotoxicity Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

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

Ecological information on ingredients.

Quartz sand

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

Persistence and degradability

Persistence and degradability The degradability of the product is not known.

Ecological information on ingredients.

Quartz sand

Persistence and degradability The degradability of the product is not known.

Bioaccumulative potential

Bio-Accumulative Potential No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.

Quartz sand

Bio-Accumulative Potential No information available.

Mobility in soil

Mobility No data available.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Ecological information on ingredients.

Quartz sand

Mobility The product is insoluble in water.

Other adverse effects

Other adverse effects None known.

Ecological information on ingredients.

Quartz sand

Other adverse effects None known.

13. Disposal considerations

Waste treatment methods

General information The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor.

14. Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN No. (DOT) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT).

UN Number

UN No. (International) Not applicable.

UN No. (DOT) Not applicable.

UN proper shipping name

Proper shipping name (International) Not applicable.

Proper shipping name (DOT) Not applicable.

Transport hazard class(es)

Transport Labels (International) No transport warning sign required.

DOT transport labels

No transport warning sign required.

Packing group

Packing group (International) Not applicable. **DOT**

packing group Not applicable.

Environmental hazards

Environmentally Hazardous Substance

No.

Special precautions for user

Not applicable.

DOT reportable quantity Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

15. Regulatory information

US Federal Regulations

SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities

None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

None of the ingredients are listed or exempt.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

None of the ingredients are listed or exempt.

SARA 313 Emission Reporting

None of the ingredients are listed or exempt.

CAA Accidental Release Prevention

None of the ingredients are listed or exempt.

FDA - Essential Chemical

None of the ingredients are listed or exempt.

FDA - Precursor Chemical

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories

None of the ingredients are listed or exempt.

OSHA Highly Hazardous Chemicals

None of the ingredients are listed or exempt.

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I)

None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II)

None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances

None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List

The following ingredients are listed or exempt:

Quartz sand

Rhode Island "Right To Know" List

The following ingredients are listed or exempt:

Quartz sand

Minnesota "Right To Know" List

The following ingredients are listed or exempt:

Quartz sand



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

New Jersey "Right To Know" List

The following ingredients are listed or exempt:

Quartz sand

Pennsylvania "Right To Know" List

The following ingredients are listed or exempt:

Quartz sand

Inventories

US - TSCA

None of the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification

None of the ingredients are listed or exempt.

16. Other information

Abbreviations and acronyms used in the safety data sheet TDG: The transport of dangerous goods act

IATA: International air transport association.
ICAO: Technical instructions for the safe transport of dangerous goods by air.
IMDG: International maritime dangerous goods.
CAS: Chemical abstracts service.
ATE: Acute toxicity estimate.
LC₅₀: Lethal concentration to 50 % of a test population.
LD₅₀: Lethal dose to 50% of a test population (median lethal dose).
EC₅₀: 50% of maximal effective concentration.
PBT: Persistent, bioaccumulative and toxic substance.
vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and acronyms

Eye Irrit. = Eye irritation
Skin Irrit. = Skin irritation
Skin Sens. = Skin sensitisation
STOT SE = Specific target organ toxicity-single exposure

Key literature references and sources for data

Source: European Chemicals Agency, <http://echa.europa.eu/>
This SDS is prepared based on the information and documents received from product owner. CRAD or/and SDS author shall not be responsible for incorrect prepared of SDS and pecuniary loss or intangible damages because of deficient or wrong information and documents which comes from product owner.



SAFETY DATA SHEET

BASE POWDER

According to Appendix D, OSHA
Hazard Communication Standard 29 CFR §1910.1200

Revision date: 3/16/2022

Revision: 1.0

Supersedes date: 3/16/2022

Training advice	Only trained personnel should use this material.
Revision comments	This is the first issue.
Issued by	Bülent Özdemir / CRAD www.crad.com.tr gbf@crad.com.tr
Revision date	3/16/2022
Revision	1.0
Supersedes date	3/16/2022
SDS No.	1256
Hazard statements in full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H373 May cause damage to organs (Lungs) through prolonged or repeated exposure if inhaled.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.