



FRAGMENT

SAFETY DATA SHEET

SECTION 01

IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

01.1 Product identifier

Product name: Fragment

Synonyms: None

01.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

For residential and commercial countertops and tiles.

Recommended restrictions:

Other than recommended above

01.3 Details of the supplier of the safety data sheet

Fragment Incorporated doo

Dragise Misovica 169

32000 Cacak, Serbia

Telephone: +381691955575 8:00 am to 4:00 pm CET

Email: office@fragment.rs



SECTION 02

HAZARDS IDENTIFICATION

02.1 Classification of the substance or mixture

In the case of further product processing (cutting, grinding, forming or other mechanical abrasion), when dust may be generated, the following GHS classification may be applicable.

Follow recommended fabrication guidelines if product is to be further processed.

Classification (GHS-US)

Physical hazards: Non known

Health hazards:

The following health hazards are only applicable in the case of dust generation during the fabrication process.

- H317 – Skin sensitization, Category 1B
- H335 – Specific toxic organ toxicity (single exposure) – Category 3
- H372 – Specific toxic organ toxicity (repeat exposure) – Category 1
- H 350 – Carcinogen – Category 1A

02.2 Label elements

The following Hazard pictograms, Signal words, Hazard statements and Precautionary statements are only applicable in the case of dust generation during the fabrication process.

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Hazard pictograms (GHS-US):





Signal word (GHS-US): Danger

Hazard statements (GHS-US):

- Causes Skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- May cause respiratory irritation
- Causes damage to organs (lungs) through prolonged or repeated exposure
- May cause cancer

Precautionary statements (GHS-US):

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	If on skin: Wash with plenty of soap and 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.
P308 + P313	If exposed or concerned: Get medical advice/attention.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

02.3. Other hazards

02.4. Unknown acute toxicity (GHS-US)

No data available



SECTION 03

COMPOSITION/INFORMATION ON INGREDIENTS

03.1. Substance

Not applicable

03.2. Mixture

Name	Product identifier, CAS No	Weight %	Classification (GHS-US)
Glass, oxide, chemicals	65997-17-3	50-80	Carc. 1B, H350
Cement, Portland, Chemicals,	65997-15-1	12-28	Not classified
Water	7732-18-5	5-15	Not classified
Proprietary Component 1	Trade Secret	1-5	Not classified
Proprietary Component 2	Trade Secret	1-5	Not classified
Proprietary Component 3	Trade Secret	0-3	STOT RE 1, H372
Proprietary Component 4	Trade Secret	0-3	Not classified
Proprietary Component 5	Trade Secret	0-3	Not classified
Proprietary Component 6	Trade Secret	0-3	Not classified
Proprietary Component 7	Trade Secret	0-3	Skin Sens. 1B, H317
Proprietary Pigment 1	Trade Secret	0-5	Not classified
Proprietary Pigment 2	Trade Secret	0-5	Not classified
Proprietary Pigment 3	Trade Secret	0-5	Not classified

SECTION 04

FIRST AID MEASURES

04.1 Description of first aid measures

This product is not hazardous in finished form (as supplied and shipped).

The following first-aid measures are in the case of dust generation during the fabrication process.

General advice: No hazards which require special first aid measures.



Inhalation: Remove person to fresh air. If not breathing, administer CPR or artificial respiration. Get immediate medical attention.

Skin contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Seek medical attention if irritation develops.

Eye contact: Remove contact lenses. Keep eye wide open while rinsing. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.

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

Inhalation: May cause respiratory irritation (coughing, wheezing and shortness of breath). May cause damage to lungs after repeated and/or prolonged exposure.

Skin contact: May cause irritation (itching, burning, redness and rash).

Eye contact: May cause irritation (itching and redevye).

Ingestion: Not considered a likely route of exposure during normal use conditions.

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

If any symptoms described above are noted, contact a physician and give them this SDS sheet.

SECTION 05

FIREFIGHTING MEASURES

05.1 Extinguishing media



Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None

05.2 Special hazards arising from the substance or mixture

Fire hazard: None known.

Explosion hazard: None known.

Unsuitable extinguishing media: None

05.3 Advice for firefighters

Protection during firefighting: Firefighters should wear standard protective gear.

SECTION 06

ACCIDENTAL RELEASE MEASURES

06.1 Personal precautions, protective equipment and emergency procedures

06.1.1. For non-emergency personnel

No additional information available

06.1.2. For emergency personnel

No additional information available

06.2 Environmental precautions

None

06.3 Methods and material for containment and cleaning up

For containment: No special containment needed.



Methods for cleaning up: Shovel or sweep up and put in a closed container for recovery or disposal. If a large amounts of dust or waste are generated by cutting process: vacuum or sweep up material, avoiding dust generation or dampen spilled material with water to avoid airborne

06.4. Reference to other sections

No additional information available

SECTION 07

HANDLING AND STORAGE

07.1 Precautions for safe handling

Precautions for safe handling: None required for handling finished product. Avoid contact with eyes, skin and clothing when further processing the product.

07.2 Conditions for safe storage, including any incompatibilities

Storage conditions: No further relevant information.

SECTION 08

EXPOSURE CONTROLS/PERSONAL PROTECTION

08.1 Control parameters

Exposure controls: this product is not hazardous in finished form (as supplied and shipped)



The occupational exposure may occur from components of product that may be released as respirable dust when subjected to cutting, grinding, forming or other mechanical abrasion.

Follow workplace regulatory exposure limits for all types of airborne dust (e.g. total dust, respirable dust, etc.). For the occupational exposure limits in your country, please consult a competent occupational hygienist or the local regulatory authority.

08.2 Exposure controls

- a) Appropriate engineering controls
Use wet saw and wet grinding and polishing machine in order to minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

- b) Individual protection measures, such as personal protective equipment

Hand protection: Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.

Eye and face protection: Wear safety glasses with side-shields during cutting, grinding and polishing.

Skin and body protection: During cutting, grinding or sanding operations, use body protection appropriate for task. If handling, moving or lifting wear steel-toes shoes and gloves that will protect the hands from cuts, puncture or abrasion.

Respiratory protection: In case of prolonged exposure to airborne dust, wear a respiratory protective equipment that complies with the requirements of



SECTION 09

FIRST AID MEASURES

09.1 Information on basic physical and chemical properties

Appearance	Solid
Color	Multicolored
Odor	None
Odor threshold	Not Applicable
pH	Not Applicable
Melting point/freezing point	Not Applicable
Boiling point or initial boiling point and boiling range	Not Applicable
Flash point	Not Applicable
Evaporation rate	Not Applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Applicable
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Not Applicable
Vapor pressure	Not Applicable
Relative vapor density at 20 °C	Not Applicable
Relative density	2.25 g/cm ³
Solubility	Insoluble
Log Pow	Not Applicable
Log Kow	Not Applicable
Viscosity, kinematic	Not Applicable
Viscosity, dynamic	Not Applicable
Oxidizing properties	Not Applicable
Explosive limits	Not Applicable



SECTION 10

STABILITY AND REACTIVITY

10.1 Reactivity

Inert, not reactive.

10.2 Chemical stability

Chemically stable.

10.3 Possibility of hazardous reactions

No hazardous reactions.

10.4 Conditions to avoid

Avoid contact with acids (e.g., Hydrochloric, acetic, hydrofluoric, etc.).

10.5 Incompatible materials

Avoid contact with acids (e.g., Hydrochloric, acetic, hydrofluoric, etc.).

10.6 Hazardous decomposition products

Not relevant. Not relevant.

SECTION 11

TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Not classified based on available information.

Skin corrosion / irritation: Not classified based on available information.

The following consequences may occur in the case of dust generation during the fabrication process.



May cause mild irritation as skin reaction.

Serious eye damage / irritation: Not classified based on available information.

Respiratory or skin sensitization: Not classified based on available information.

Germ cell mutagenicity: Not classified based on available information.

Carcinogenicity: Not classified based on available information.

The following consequences may occur in the case of dust generation during the fabrication process.

IARC: Group 2B: Possibly carcinogenic to humans

Reproductive toxicity: Not classified based on available information.

STOT – single exposure: Not classified based on available information.

STOT – repeated exposure: Not classified based on available information.

Aspiration hazard: Not classified based on available information.

SECTION 12

ECOLOGICAL INFORMATION

12.1 Toxicity

Not relevant. Not relevant.

12.2 Persistence and degradability

Not relevant.

12.3 Bioaccumulative potential

Not relevant.

12.4 Mobility in soil

Negligible



12.5 Results of PBT and vPvB assessment

Not relevant.

12.6 Other adverse effects

Effect on ozone layer :
No additional information available

12.6 Other adverse effects

Effect on the global warming: No known ecological damage caused by this product.

SECTION 13

DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal recommendations: Dispose of contents /container in accordance with local/regional/national/international regulations.

SECTION 14

TRANSPORT INFORMATION

14.1. UN number

Not relevant.

14.2. UN proper shipping name

Not relevant.



14.3. Transport hazard class(es)

ADR - Not classified.
IMDG- Not classified.
ICAO/IATA - Not classified.
RID - Not classified.

14.4. Packing group

Not relevant.

14.5. Environmental hazards

Not relevant.

14.6. Special precautions for user

Not relevant.

14.7. Maritime transport in bulk according to IMO instruments

Not relevant.

SECTION 15

REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Not relevant.

15.2 Chemical Safety Assessment

Exempted from REACH Registration.



SECTION 16
OTHER INFORMATION

None