

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 1/8

### **1. Identification of the substance/mixture and of the company /undertaking**

#### **Product identifier**

**Trade name: Duragyp Active air type DFEH1IR according to EN520**

**Application of the substance/the preparation: Gypsum board**

#### **Details of the supplier of the safety data sheet**

##### **Manufacturer/Supplier:**

**Saint Gobain HELLAS S.A.**

5, Klissouras Street

144 52 Metamorfossi, Greece

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Fax: +30 21 0 2830043

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30400 Etolikon, Greece

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Declaration of Performance: No. DoP Duragyp12,5-0014, No.DoP Duragyp15- 0015

**Emergency number: Hotline Poison Information Center +30 210 77 93 777**

### **2. Hazards Identification**

#### **Classification of the substance or mixture**

##### **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

##### **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

Not applicable.

##### **Information concerning particular hazards for human and environment:**

No hazards to be particularly mentioned.

Harmful dust may be released during cutting or grinding process. Dust may irritate the eyes and the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. Sharp edges and corners may cause cuts and abrasions

##### **Label elements**

##### **Labelling according to EU guidelines:**

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

##### **Special labelling of certain preparations:**

Safety data sheet available for professional user on request.

##### **Other hazards**

##### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 2/8

### 3. Composition/information on ingredients

**Chemical characterization:** Mixtures

**Description:** Hydrated calcium sulphate (gypsum) with various additives required for the control of the characteristics and properties of the finished product firmly encased between two outer layers of paper liner. It contains glass fibers and woodchips. It is identified from yellow coloring of the coating on the front face.

**Dangerous components:** None

**Remark:** Materials with a threshold value for exposure in the workplace- see point 8 .

### 4. First Aid Measures

**Description of first aid measures**

**General Information:** No special measures required.

**After inhalation:** Move the person to fresh air, consult doctor in case of complaints.

**After skin contact:** Rinse with water and soap.

**After eye contact:** Rinse eyes with clean water for 10 minutes; if irritation persists, consult a physician.

**After swallowing:** Rinse mouth thoroughly and drink abundant quantities of water. Seek medical treatment.

**Information for doctor:** Most important symptoms and effects, both acute and delayed. No further relevant information available.

**Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

### 5. Fire Fighting Measures

**Extinguishing media**

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** None.

**Special hazards arising from the substance or mixture :**

In case of fire, the following can be released:

Carbon monoxide ( CO)

Carbon dioxide ( CO<sub>2</sub> )

**Advice for firefighters**

**Protective equipment:** Wears self-contained respiratory protective device.

**Additional information:** The product is not flammable and non-oxidizing product.

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 3/8

### 6. Accidental Release Measures

#### **Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust.

**Environmental precautions:** Do not allow to enter sewers/surface or ground water.

**Methods and material for containment and cleaning up:** Pick up mechanically.

#### **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7. Handling and storage

#### **Handling:**

##### **Precautions for safe handling:**

Quantity of dust to be minimized and controlled when plasterboard is cut by saw or scrubbed, in enclosed sites.

When plasterboard is transported manually, correct handling methods must be used, depending on size, thickness and density.

In the event of plasterboard cutting, suitable electrical and/or manual tools should be used, in accordance with the manufacturer's instructions.

Do not inhale dust.

Suitable personal protection should also be used.

**Information about fire- and explosion protection:** No special measures required.

#### **Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Plasterboard should be stored in a dry environment, on flat and stable ground.

**Specific end use(s)** No further relevant information available.

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 4/8

### **8. Exposure Controls/Personal Protection**

**Additional information about design of technical facilities:** No further data; see item 7.

#### **Control parameters**

**Ingredients with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Remark** A = alveolar fraction, E = inhalable fraction

**Additional information:** The lists valid during the making were used as basis.

#### **Exposure controls**

##### **Personal protective equipment:**

##### **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Wear dust masks FFP1 if dust forms.

**Protection of hands:** Gloves for resistance to cut

**Eye protection:** Wear safety goggles with side protection if dust develops.

**Body protection:** Protective work clothing.

**Note:** The glass fibers used in this product are non-breathable as they are larger than 10 microns in diameter (more than 3 microns prescribed by the World Health Breathing Authority). So it is not dangerous to health, since any irritation it can cause is only mechanical.

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 5/8

### 9. Physical & Chemical Properties

#### General Information

**Appearance:**

**Paper Colour :**

**Odour:**

**Odour threshold:**

**PH-value**

#### Change in condition

**Melting point/Melting range:**

**Boiling point/Boiling range:**

**Flash point:**

**Flammability (solid, gaseous):**

**Ignition temperature:**

**Decomposition temperature:**

**Self-igniting**

**Danger of explosion:**

**Explosion limits:**

**Lower:**

**Upper:**

**Vapour pressure:**

**Density at 20°C:**

**Relative density:**

**Vapour density:**

**Evaporation rate:**

**Solubility:**

**Segregation coeff.(n-octanol/water)**

**Kinematic:**

**Thermal decomposition of gypsum:**

**Viscosity:**

**Dynamic:**

Rectangular square sheets in various thicknesses and dimensions with: square (VK), bevelled (AK), curved (HR), curved and bevelled (HRAK) edges.

Grey, yellow.

Odourless

Not determined

Not applicable at normal plasterboard composition in liquid suspension ca. 6 - 9

Undetermined

Undetermined

Not applicable

Not determined

Not determined

Product is not selfigniting

Product does not present an explosion hazard

Not determined

Not determined

Not applicable

Not applicable

Not determined

Not applicable

Not applicable

ca. 2 g/l

Not determined

Not applicable

To CaSO<sub>4</sub> and H<sub>2</sub>O > 140°C (>413K)

To CaO and SO<sub>3</sub> at temperatures exceeding 1000°C (>1273K)

Not applicable

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 6/8

### 10. Stability & Reactivity

#### Reactivity

##### Chemical stability

##### **Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

Avoid damp conditions.

**Possibility of hazardous reactions:** No dangerous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

### 11. Toxicological Information

**Information on toxicological effects:** Not toxic.

##### **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification.

Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12. Ecological Information

#### Toxicity

**Aquatic toxicity:** No further relevant information available.

**Persistence and degradability:** No further relevant information available.

##### **Behaviour in environmental systems:**

**Bio accumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

##### **Additional ecological information:**

##### **General notes:**

Do not allow product to reach ground water, water course or sewage system.

##### **Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

Other adverse effects: No further relevant information available.

## SAFETY DATA SHEET

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 7/8

### **13. Disposal Considerations**

#### **Waste treatment methods**

**Recommendation:** Disposal must be made according to official regulations.

#### **European waste catalogue**

17 08 02 gypsum-based construction materials other than those mentioned in 17 08 01

17 09 04 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03

#### **Uncleaned packaging:**

**Recommendation:** Empty contaminated packaging thoroughly. They may be recycled after thorough and proper cleaning.

### **14. Transport information**

#### **Land transport ADR/RID (cross-border)**

**ADR RID class:** -

#### **Maritime transport IMDG:**

**IMDG Class:** -

**Marine pollutant:** No

#### **Air transport ICAO-TI and IATA-DGR:**

**ICAO/IATA class:** -

**UN "Model Regulation":** -

**Special precautions for user:** Not applicable.

**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.

### **15. Regulatory information**

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out

### **16. Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Saint-Gobain Hellas assumes no responsibility for damage to persons or property resulting from improper use of such information and reserves the right to modify data without notice. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.

**SAFETY DATA SHEET**

Issue date: 09/09/2021

Revision date: 08/07/2025

Version 01

Page 8/8

**Abbreviations and acronyms:**

ADR: European Agreement concerning the international Carriage of Dangerous Goods by Road.

RID: Regulations Concerning the International transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulations by the International Air Transport Association (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical instructions by the International Civil Aviation Organization (ICAO).

GHS: Globally Harmonized system of Classification and Labelling of Chemicals