



Revised Version 4 : 16.06.2018

SAFETY DATA SHEET ACCORDING TO REGULATION (EU) NO.830/2015

SECTION 1

1.1. MATERIAL IDENTIFICATION

PRODUCT NAME: EdoRock Max®, EdoRock Implant®, Edo Premium Stone®, Hiro Rock®, Hiro Hard Rock®, Hiro Base Stone®, Hiro Arti®, Hiro Ortho®, Hiro Stone®, Hiro Arti Plus®, Hiro Stone Plus®, Hiro Plaster®, Hiro Die Stone®.

CHEMICAL FAMILY: Calcium Sulfate

CHEMICAL FORMULA: $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$

1.2. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

MANUFACTURER:

S.C. Mutsumi Chemical Industries SRL

3 , Nordului Street, Roman, Neamt,
611047, Romania

1.3. EMERGENCY PHONE NUMBER:

+40- 767-071330 This phone number is serviced during office hours (Monday to Friday between 08.30 am and 4.30 pm).

SECTION 2

COMPOSITION & INFORMATION ON INGREDIENTS

MATERIAL:	%
Calcium Sulfate Hemihydrate	80 – 100
Inorganic Salts mixture	0 – 10
Resins mixture	0 – 10

Ingredients with limit values that require monitoring at the workplace: Not required.

SECTION 3

PHYSICAL AND CHEMICAL DATA

APPEARANCE:	Powder
OTHER INFORMATION :	Over 1450°C – Thermal decomposition
VAPOR PRESSURE:	None
WATER SOLUBILITY:	0.2%
SPECIFIC GRAVITY(H ₂ O=1):	2.7 – 3.0 g/cm ³
APPEARANCE AND ODOR:	Fine powder, in a variety of colors, odourless.
FLASH POINT:	None
MELTING POINT:	Not applicable
BOILING POINT:	Not applicable



SECTION 4 STABILITY AND REACTIVITY

FLASH POINT (METHOD USED): None
EXTINGUISHING MEDIA: Not Combustible
SPECIAL FIRE-FIGHTING PRECAUTIONS: None
FIRE AND EXPLOSION HAZARDS: None
INCOMPATIBLE MATERIALS: None known

POSSIBILITY OF HAZARDOUS REACTIONS: No dangerous reactions known.
HAZARDOUS DECOMPOSITION PRODUCTS: No dangerous decomposition products known.

STABILITY: Chemically Stable
HAZARDOUS DECOMPOSITION PRODUCTS: Above 1450°C - CaO & SO₃.
HAZARDOUS POLYMERIZATION: No dangerous decomposition products known.
Will not occur

SECTION 5 HEALTH HAZARD INFORMATION

Classification of the mixture

Classification according to Regulation (EC) No 1272/2008

The substances are not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.

Particular hazards for human and environment:

No hazards to be particularly mentioned.

Label elements

Labelling according to Regulation (EC) No 1272/2008 Void.

Hazard Pictograms Void

Hazard determining components of labelling:

Void Hazard statements: Void

Other hazards: Results of PBT and vPvB assessment: PBT: Not applicable, vPvB : Not applicable.

SECTION 6 FIRST AID MEASURES

GENERAL INFORMATION: No special measures required.
AFTER INHALATION: Remove to fresh air. Consult a physician.
AFTER SKIN CONTACT: Wash with soap and water.
AFTER EYE CONTACT: Flush with water for 15 minutes, with plenty of water. If irritation continues, consult a physician.
AFTER INGESTION: Material hardens when wetted, which may result in obstruction.
Rinse the mouth and drink plenty of water. Consult a physician.



SECTION 7 FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING AGENTS:	All extinguishing agents are suited.
UNSUITABLE EXTINGUISHING AGENTS:	None
SPECIAL HAZARDS ARISING FROM THE SUBSTANCE MIXTURE:	None.
ADVICE FOR FIREFIGHTERS:	No special measures required. The product is not flammable. The product corroborates upon contact with water.

SECTION 8 ACCIDENTAL RELEASE AND DISPOSAL MEASURES

Personal precautions, protective equipment and emergency procedures:

Sweep or vacuum material from spillage into a waste container for disposal. Avoid dusting conditions. If washed down, may plug drains. If already mixed with water, scrape up and wash down residue. No dangerous substances are released.

Environmental precautions:

No special measures required.

Waste treatment methods- Recommendation:

Disposal must be made according to official regulations.

Uncleaned packaging- Recommendation:

Empty contaminated packaging thoroughly. It may be recycled after proper cleaning.

SECTION 9 TRANSPORT INFORMATION

No special transport requirements, non-dangerous goods ICAO/IATA-DGR: Not applicable

SECTION 10 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Prevent formation of dust.
PRECAUTIONS FOR FIRE AND EXPLOSION PROTECTION:	No special measures required.
REQUIREMENTS FOR STOREROOMS:	No special requirements.
FURTHER INFORMATIONS ABOUT STORAGE CONDITIONS:	Store in cool, dry conditions, in well sealed conditions.
STORAGE CLASS:	In accordance with VCI: 13 (non-



combustible solid matter).

SECTION 11 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Provide general ventilation and local exhaust ventilation to meet TLV requirements. When dusty condition exists, wear FFP1 mask to guard against nuisance particles.

PROTECTIVE EQUIPMENT: Gloves or protective clothing are usually, but not necessarily desirable in specific work situations. Eye protection (goggles) may be needed to avoid particulate irritation of the eye. Body protection- protective work clothing.

SECTION 12 TOXICOLOGICAL DATA

Primary Irritant Effect:

EYES: No irritating effect.
SKIN: No irritating effect.

Sensitization:

No sensitizing effects known.

Additional toxicological data:

When used and handled according to specifications, the product does not have any harmful effects to our experience according to the information provided to us.

SECTION 13 ECOLOGICAL DATA

AQUATIC TOXICITY: No further relevant information available.
Do not allow undiluted product or large quantities to reach ground water or sewage system.

SECTION 14 REGULATORY INFORMATION

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

SECTION 15 OTHER INFORMATION

This Material Safety Data Sheet contains confidential, proprietary information, based on our present knowledge. Information contained herein is provided in good faith as valid and authoritative. However, no warranties, either expressed or implied, can be made concerning the accuracy or completeness of the information and shall not establish a legally valid contractual relationship.