EASYJOINT™ 60 SETTING-TYPE PREMIUM-JOINTING POWDER

1. IDENTIFICATION

Product identifier
EASYJOINT™ 60 Setting-Type Premium-Jointing Powder
Synonym(s)
Easy Joint 60, Premium Jointing Plaster Compound, Premium Dry Mix
Recommended use
Interior use
Recommended restrictions
Use in accordance with manufacturer's recommendations
Manufacturer / Importer / Supplier / Distributor information/Company name
USG Middle East Ltd
7410 (WASIL) Street #23, Cross 76 (Right)
Second Industrial City
Dammam 34326 – 4201, Kingdom of Saudi Arabia
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E-mail: info@usgme.com / marketing@usgme.com
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2. HAZARD(S) IDENTIFICATION

Potential Acute Health Effects
Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Chronic
No known long-term health effects.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Mixtures

Chemical name	CAS number	%
Calcium Sulphate Hemihydrate (Plaster)	10034-76-1	< 75%
Calcium Carbonate	471-34-1	< 40%
Methyl hydroxypropyl cellulose	9004-65-3	< 0.5%
Starch	9005-25-8	0 - 0.5%

4. FIRST-AID MEASURES

Inhalation
Remove to fresh air. Allow to rest. Seek medical attention if discomfort persists.
Skin contact
Wash regularly with soap and water. Apply skin moisturizer.
Eye contact
Flush with plenty of clean water for 15 minutes. If irritation persists, seek medical attention.
Ingestion
May result in obstruction if ingested. Seek medical attention.
Advise to doctor
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammability of the Product
Non-Flammable
Auto-Ignition Temperature
Not Applicable
Flash Points
Not Applicable
Flammable Limits
Not Applicable
Products of Combustion
Not Available
Fire Hazards in Presence of Various Substances
Not Applicable

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Explosion Hazards in Presence of Various Substances
Risks of explosion of the product in presence of mechanical impact:
Not available. Slightly explosive in presence of open flames and sparks.
Fire Fighting Media and Instructions
Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Wear Personal Protective Equipment (PPE) as detailed in section 8.
Methods of cleaning up
Moisten with water to prevent a dust hazard and place in sealable containers for disposal.
Environmental precautions
Prevent product from entering drains and waterways.
References
See Sections 8 and 13 for exposure controls and disposal.

7. HANDLING AND STORAGE

Storage
Store in a cool, dry, well ventilated area, removed from aluminum, diazomethane, phosphorus and foodstuffs. Ensure containers are tightly sealed, adequately labeled and protected from physical damage.
Handling
Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Biological limits
No biological limit allocated
Engineering controls
Avoid inhalation. Use in well ventilated areas. Where an inhalation rust exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
Individual protection measures, such as personal protective equipment
Eye/face protection
Wear approved safety goggles.
Skin protection
Hand protection
It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.
Other
When using large quantities or where heavy contamination is likely, wear coveralls.
Respiratory protection
Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form
Powder.
Color
White.
Odor
Low Odor.
pH
Not available.
Melting point/freezing point
Not available.
Boiling point
Not applicable.
Flash point
Not applicable.
Evaporation rate
Not available.
Flammability (solid, gas)
Not flammable.
Specific Gravity
2.0 to 2.7
Solubility (water)
Partly Soluble
Vapor pressure
Not available.
Upper explosion limit
Not relevant
Lower explosion limit
Not relevant
Auto ignition temperature
Not available.
Decomposition temperature
Not available.
Viscosity
Not available.
Partition coefficient
Not available.
% Volatiles
Not available.
Density
750-800 kg/m^3

10. STABILITY AND REACTIVITY

Reactivity
The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability
Material is stable under normal conditions.
Possibility of Hazardous Reactions
Hazardous polymerization does not occur.
Conditions to avoid
When mixed with water this product can become very hot. Encasing or making molds of any body part can cause serious burns that may require surgical removal of affected tissue and even amputation of encased body part.
Hazardous Decomposition Products
Calcium oxides. Sulfur oxides. Above 800°C limestone ($CaCO^3$) can decompose to lime (CaO) and release carbon dioxide (CO^2).

11. TOXICOLOGICAL INFORMATION

Swallowed
Unlikely under normal conditions of use, but swallowing this product may be harmful or result in abdominal discomfort.
Eye
This product may irritate the eyes, causing watering and redness.
Inhalation
This product may cause irritation of the nose, throat and lungs, causing coughing and sneezing.
Skin
Dust from this product may cause irritation of the skin from friction but is not absorbed through the skin.
Ingestion
Low toxicity. Ingestion may result in gastrointestinal irritation. Nausea, vomiting, headache and diarrhea.
Chronic Effects
Prolonged and routine inhalation of high levels of
respirable crystalline silica particles can lead to the lung disease known as silicosis. Some studies show excess numbers of cases of scleroderma, connective tissue disorders, lupus, rheumatoid arthritis, chronic kidney diseases and end-stage kidney disease in workers exposed to respirable crystalline silica.
Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.

12. ECOLOGICAL INFORMATION

Toxicity
The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability
Calcium Sulfate dissolves in water forming calcium and sulfate ions.
Mobility in soil
No data available
Other adverse effects
None expected

13. DISPOSAL CONSIDERATIONS

Disposal Instructions
Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.
Local Disposal Regulations
Dispose of in accordance with local regulations.
Hazardous Waste Code
Not regulated
Waste from Residues or Unused Products
Dispose of in accordance with local regulations.
Contaminated Packaging
Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT
Not regulated as a hazardous material
IATA
Not regulated as a dangerous good.
IMDG
Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Saudi Arabian Inventory of Chemical Substance:

CAS #	10034-76-1	Calcium Sulphate Hemihydrate (Plaster)
CAS #	471-34-1	Calcium Carbonate
CAS #	9004-65-3	Methyl hydroxypropyl cellulose
CAS #	9005-25-8	Starch

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue date
1-March-2021
Revision date
1-December-2022
Version #
02
Further information
Attapulgite: Carcinogenic to experimental animals via a route of exposure not relevant to human exposure per ACGIH.
Skin Sensitization Potential: This product contains an amount of Triazinetriethanol (THT) (CAS No. 4719-04-4) that is within the approved EPA regulated limits. THT can act as a sensitizer. Numerous human studies with concentrations up to 1% yielded negative (no sensitization) results. However, some results showed positive reactions in concentrations <0.5% mostly in persons with eczema.
Crystalline silica: Raw materials in this product may contain respirable crystalline silica as an impurity. Exposures to respirable crystalline silica are not expected during the normal use of this product. However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can result in lung disease (i.e., silicosis) and/or lung cancer.

Bucket NFPA Classification:
Health: 0
Flammability: 1
Physical hazard: 0

NFPA Ratings:
Health: 1
Flammability: 0
Physical hazard: 0
Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

List of abbreviations References
NFPA: National Fire Protection Association.
Registry of Toxic Effects of Chemical Substances (RTECS)
HSDB® - Hazardous Substances Data Bank
Torben et al. (2001). Environmental and Health Assessment of Substances in Household Detergents and Cosmetic Products.
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This information should be used to make an independent determination of the methods to safeguard workers and the environment.

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