



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 and The Chemicals (Health
and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU
Exit) Regulations 2019 No. 720

Issuing Date 27-Aug-2020

Revision Date 04-Dec-2023

Revision Number 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Code(s) 5200645350
Product Name Artex Easifix Wall Repair Kit
Synonyms None
Pure substance/mixture Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Wall repair
Uses advised against No specific uses advised against are identified

1.3. Details of the supplier of the safety data sheet

Supplier
Okarno Ltd
Pasture Lane
Ruddington
Nottingham
Nottinghamshire
NG11 6AE
Tel: +44 (0) 800 032 6345

For further information, please contact

E-mail address OkarnoTechnical@saint-gobain.com

1.4. Emergency telephone number

Emergency telephone +44 (0) 800 032 6345 (9am - 5pm, Monday to Friday)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified

2.2. Label elements

Not classified

Hazard statements

Not classified.
EUH210 - Safety data sheet available on request

Precautionary statements

P102 - Keep out of reach of children.

2.3. Other hazards

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. Avoid breathing dust.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical name	Weight-%	EC No (EU Index No)	UK REACH registration number	Classification according to GB CLP (SI 2020/1567 as amended)	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Limestone 1317-65-3	25-<50	215-279-6	-	-	-	-	-
Calcium sulfate hemihydrate 7778-18-9	50-<75	231-900-3	-	[C]	-	-	-

Classification according to GB CLP (SI 2020/1567 as amended)

[C] - Components with occupational exposure limits and/or biological occupational exposure limits requiring monitoring

Full text of H- and EUH-phrases: see section 16

This product does not contain candidate substances of very high concern at a concentration >= 0.1% (UK REACH Article 59)

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice	Show this safety data sheet to the doctor in attendance. Get medical attention if any discomfort continues.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin contact	Brush off loose particles from skin. Remove material from skin immediately.
Ingestion	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.
Self-protection of the first aider	Wear personal protective clothing (see section 8).

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

Symptoms	Product dust may be irritating to eyes, skin and respiratory system. May cause discomfort if swallowed, Stomach pain, Vomiting.
Effects of Exposure	Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

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

Note to doctors Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol resistant foam. Carbon dioxide (CO₂). Water spray or fog. Dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available.

Hazardous combustion products Harmful gases or vapours.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters Cool containers with flooding quantities of water until well after fire is out. Avoid inhalation of material or combustion by-products. Evacuate area. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wash thoroughly after handling. Wear personal protective clothing (see section 8). Avoid breathing dust.

For emergency responders Use personal protection recommended in Section 8.

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Avoid generation of dust. Use appropriate personal protective equipment (PPE). Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Vacuum or sweep material and place in a disposal container. Clean up spill immediately. Dispose of in accordance with federal, state and local regulations. Reuse or recycle wherever possible. Wash thoroughly after handling.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

Reference to other sections See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Avoid contact with skin, eyes or clothing. Read and follow manufacturer's recommendations. Wear personal protective clothing (see section 8). Keep away from food, drink and animal feedingstuffs. When not in use, keep containers tightly closed. Avoid breathing dust.

General hygiene considerations Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Store away from incompatible materials.

7.3. Specific end use(s)

Specific use(s) The identified uses for this product are detailed in Section 1.2.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits

Chemical name	United Kingdom
Limestone 1317-65-3	TWA: 10 mg/m ³ TWA: 4 mg/m ³ STEL: 30 mg/m ³ STEL: 12 mg/m ³
Calcium sulfate hemihydrate 7778-18-9	TWA: 10 mg/m ³ TWA: 4.0 mg/m ³

Biological occupational exposure limits This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) - Workers

Chemical name	Oral	Dermal	Inhalation
Calcium sulfate hemihydrate 7778-18-9			21.17 mg/m ³ [4] [6] 5082 mg/m ³ [4] [7]
Malic acid 6915-15-7		2 mg/kg bw/day [4] [6] 5.2 mg/kg bw/day [4] [6] 40 mg/kg bw/day [4] [7] 1 mg/cm ² [5] [6] 1 mg/cm ² [5] [7]	5.33 mg/m ³ [4] [6] 36.6 mg/m ³ [4] [6] 104 mg/m ³ [4] [7] 32 mg/m ³ [5] [6] 104 mg/m ³ [5] [7]
Methanol 67-56-1		20 mg/kg bw/day [4] [6] 20 mg/kg bw/day [4] [7]	130 mg/m ³ [4] [6] 130 mg/m ³ [4] [7] 130 mg/m ³ [5] [6] 130 mg/m ³ [5] [7]

Notes

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.
- [7] Short term.

Derived No Effect Level (DNEL) - General Public

Chemical name	Oral	Dermal	Inhalation
Calcium sulfate hemihydrate 7778-18-9	1.52 mg/kg bw/day [4] [6] 11.4 mg/kg bw/day [4] [7]		5.29 mg/m ³ [4] [6] 3811 mg/m ³ [4] [7]
Malic acid 6915-15-7	2.6 mg/kg bw/day [4] [6] 6 mg/kg bw/day [4] [6] 20 mg/kg bw/day [4] [7]	20 mg/kg bw/day [4] [6] 20 mg/kg bw/day [4] [7] 0.5 mg/cm ² [5] [6] 0.4 mg/cm ² [5] [7]	1.6 mg/m ³ [4] [6] 9 mg/m ³ [4] [6] 52 mg/m ³ [4] [7] 1.6 mg/m ³ [5] [6] 52 mg/m ³ [5] [7]
Methanol 67-56-1	4 mg/kg bw/day [4] [6] 4 mg/kg bw/day [4] [7]	4 mg/kg bw/day [4] [6] 4 mg/kg bw/day [4] [7]	26 mg/m ³ [4] [6] 26 mg/m ³ [4] [7] 26 mg/m ³ [5] [6] 26 mg/m ³ [5] [7]

Notes

- [4] Systemic health effects.
- [5] Local health effects.
- [6] Long term.
- [7] Short term.

Predicted No Effect Concentration (PNEC)

Chemical name	Freshwater	Freshwater (intermittent release)	Marine water	Marine water (intermittent release)	Air
Malic acid 6915-15-7	0.1 mg/L	1 mg/L	0.01 mg/L		
Methanol 67-56-1	20.8 mg/L	1540 mg/L	2.08 mg/L		

Chemical name	Freshwater sediment	Marine sediment	Sewage treatment	Soil	Food chain
Calcium sulfate hemihydrate 7778-18-9			100 mg/L		
Malic acid 6915-15-7			3 mg/L		
Methanol 67-56-1	77 mg/kg sediment dw	7.7 mg/kg sediment dw	100 mg/L	100 mg/kg soil dw	

8.2. Exposure controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Personal protective equipment
Eye/face protection Dust-resistant, chemical splash goggles. Eye protection must conform to standard EN 166.

Hand protection To protect the wearer, gloves must be the correct fit and be used properly. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. Gloves must conform to standard EN 374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any

deterioration is detected. Frequent changes are recommended.

Skin and body protection	Wear appropriate chemical resistant clothing.
Respiratory protection	Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.
General hygiene considerations	Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Change work clothing daily before leaving workplace.
Environmental exposure controls	No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Powder
Physical state	Solid
Colour	Off-white
Odour	Odourless
Odour threshold	Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point		No data available
Initial boiling point and boiling range		Not applicable
Flammability		No data available
Flammability Limit in Air		
Upper flammability or explosive limits		No data available
Lower flammability or explosive limits		No data available
Flash point		Not applicable
Autoignition temperature		No data available
Decomposition temperature		No data available
pH		No data available
pH (as aqueous solution)		No data available
Kinematic viscosity		Not applicable
Dynamic viscosity		No data available
Water solubility		slightly soluble
Solubility(ies)		No data available
Partition coefficient		No data available
Vapour pressure		No data available
Relative density		No data available
Bulk density		No data available
Liquid Density		No data available
Relative vapour density		No data available
Particle characteristics		
Particle Size		No data available
Particle Size Distribution		No data available

Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidizing.

9.2. Other information

VOC	No information available
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Stability Stable under recommended storage conditions. Stable at normal ambient temperatures and when used as recommended.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid dust formation.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

SECTION 11: Toxicological information

11.1. Toxicological information

Information on likely routes of exposure

Product Information

- Inhalation** Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.
- Eye contact** Dust contact with the eyes can lead to mechanical irritation.
- Skin contact** Contact with dust can cause mechanical irritation or drying of the skin.
- Ingestion** Gastrointestinal discomfort.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms No information available.

Acute toxicity

Numerical measures of toxicity

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Calcium sulfate hemihydrate	> 2000 mg/kg (Rat)	-	> 3.26 mg/l

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Based on available data, the classification criteria are not met.

Component Information	
Calcium sulfate hemihydrate (7778-18-9)	
Method	OECD Test No. 404: Acute Dermal Irritation/Corrosion
Exposure route	Dermal
Effective dose	0.5 g
Exposure time	4 hours
Results	non-irritant

Serious eye damage/eye irritation Based on available data, the classification criteria are not met.

Component Information	
Calcium sulfate hemihydrate (7778-18-9)	
Method	OECD Test No. 405: Acute Eye Irritation/Corrosion
Exposure route	Eye
Effective dose	0.1 g
Results	non-irritant

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.

Component Information	
Calcium sulfate hemihydrate (7778-18-9)	
Method	OECD Test No. 406: Skin Sensitisation
Exposure route	Dermal
Results	Not a skin sensitiser

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Component Information	
Calcium sulfate hemihydrate (7778-18-9)	
Method	OECD Test No. 471: Bacterial Reverse Mutation Test
Species	in vitro
Results	Not mutagenic
Method	OECD Test No. 474: Mammalian Erythrocyte Micronucleus Test
Species	in vivo
Results	Not mutagenic

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

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

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

Other adverse effects No information available.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity Based on available data, the classification criteria are not met. However, large or frequent spills may have hazardous effects on the environment.

Component Information	
Calcium sulfate hemihydrate (7778-18-9)	
Results	Not toxic at limit of water solubility

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Calcium sulfate hemihydrate	-	LC50: =2980mg/L (96h, Lepomis macrochirus) LC50: >1970mg/L (96h, Pimephales promelas)	-	-

12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information			
Calcium sulfate hemihydrate (7778-18-9)			
Method	Exposure time	Value	Results
-	-	-	Substance is inorganic. Not relevant

12.3. Bioaccumulative potential

Bioaccumulation

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
Calcium sulfate hemihydrate	The substance is not PBT / vPvB

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

SECTION 14: Transport information

IMDG	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None

ADR	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None

IATA	Not regulated
14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not applicable
14.6 Special Precautions for Users	
Special Provisions	None
Note:	None

SECTION 15: Regulatory information

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

Authorisations and/or restrictions on use:

This product does not contain substances subject to authorisation (UK REACH - Annex XIV). This product does not contain substances subject to restriction (UK REACH - Annex XVII).

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

Named dangerous substances per COMAH (SI 2015/483 as amended)

Not applicable

The Ozone-Depleting Substances Regulations 2015

Not applicable

The Biocidal Products Regulations 2001 (as amended)

Not applicable

The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017 (as amended)

Not applicable

Poisons and Explosive Precursors

Not applicable

International Inventories

Contact supplier for inventory compliance status

15.2. Chemical safety assessment

Chemical Safety Report

No information available

SECTION 16: Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend

SVHC: Substances of Very High Concern for Authorisation:

Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitisers	SCBA	Self-contained breathing apparatus

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapour	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitisation	Calculation method
Skin sensitisation	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
European Chemicals Agency (ECHA) (ECHA_API)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGl(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australian National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
U.S. National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme
Organisation for Economic Co-operation and Development Screening Information Data Set
World Health Organization

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This material safety data sheet complies with the requirements of UK REACH

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Disclaimer

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. 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. The 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, unless specified in the text

End of Safety Data Sheet