

SAFETY DATA SHEET

Magsil 2628A

Date: 05/2019

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1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/ Trade name: Magsil 2628A

1.2 Relevant Identified uses of the substance and uses advised against:

1.2.1 Identified uses:

Filler for the rubber
compounding industry.

1.2.2 Uses advised against:

Not available

1.3 Details of the Supplier of the material safety data sheet:

J. Allcock & Sons Ltd.,
Textile Street,
West Gorton,
Manchester,
M12 5DL.

Email: ja@allcocks.co.uk
Tel: +44 (0)161 223 7181
Fax: + 44 (0)161 223 0173

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No. 1272/2008

The substance is not to be classified according to the CLP regulation
Not regulated according to Directive 67/548/EEC. Not classified dangerous according to EC directives

2.1.2 The most important adverse effects:

2.1.2.1 The most important adverse physiochemical effects:
Not applicable.

2.1.2.2 The most important adverse human health effects:

- Inhalation is the primary route of entry.
- No adverse effect is observed if applied to unbroken skin. Some subjects may complain of slight skin dryness.
- Accidental direct contact with the eyes may cause, as most dusts, a temporary discomfort due to mechanical irritation.
- Talc spillage can constitute a slipping hazard.

2.1.2.3 The most important adverse environmental effects:
Not applicable.

2.2 Label Elements:

Hazard Pictograms:

Not applicable.

Signal Word(s):

Not applicable.

Hazard Statement:

Not applicable.

Precautionary statement:

Not applicable.

2.3 Other hazards

Not available.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a substance with trace minerals.

3.2 Ingredients:

Substance Name	% by weight	CAS No.	EINECS No.
Talc (Hydrous magnesium silicate)	> 90	14807-96-6	238-887-9
Chlorite	Trace	1318-59-8	215-285-9
Dolomite	0 - 10	16389-88-1	240-440-2
Magnesite	Trace	83897-85-2	281-193-0

Magsil Talcs do not contain asbestos fibres or asbestiform minerals as defined by the United States Occupational Safety and Health Administration (OSHA) and European Directive 83/477/EEC, when analysed by conventional methods. All batches of these products are tested in the UK by certified independent laboratories and no quantifiable concentrations have been detected to date.

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4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:

In case of acute overexposure, if an irritation of the upper respiratory tract develops, move subject away from source of exposure and into fresh air. Treatment should be limited to the control of symptoms: coughing, expectoration, sneezing, difficult breathing. In case of massive accidental inhalation, seek medical advice.

4.1.2 In case of skin contact:

If the subject complains of dryness of the skin, apply ordinary skin moisturisers. Broken skin exposed to talc dust should be cleansed with mild soap and water. Irritation is uncommon, but if it develops and persists, seek medical advice.

4.1.3 In case of eyes contact:

Direct contact can cause irritation. Wash the affected eye(s) copiously with clean water. Remove contact lenses if possible. If irritation or redness develops, seek medical assistance.

4.1.4 In case of ingestion:

No adverse effect have been observed, no specific antidote is necessary. Rinse mouth out and give plenty of water to drink.

4.2 Most important symptoms and effect, both acute and delayed:

See toxicological information (section 11).

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

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:

Non-flammable – Not explosive - no special precautions necessary. Use extinguishing media suitable to local environment.

5.1.2 Unsuitable extinguishing

media: Not applicable.

5.2 Specific Hazards arising from the substance or mixture:

Not applicable.

5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus for fire fighting if necessary

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid airborne dust generation.

6.1.1 For non-emergency personnel:

If the dust level exceeds the recommended occupational exposure limit, approved dust masks should be worn.

6.1.2 For emergency responders:

Not applicable.

6.2 Environmental precautions:

Not applicable.

6.3 Methods of containment and cleaning up:

Dry product should be cleaned with a shovel or vacuum cleaner while wearing personal protective equipment in compliance with national legislation. Washing the floor with water is not recommended since it may cause the floor to become slippery. However, if the talc is already wet, and only in this case, the floor should be thoroughly flushed with water to remove all slipperiness.

6.4 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 information on disposal.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling:

Avoid generating airborne dust. In case of dust dispersion in the air in excess of the authorised levels, approved dust masks should be worn. Keep all floors, work areas, stairs and handrails clean as surfaces covered with talc dust are liable to be slippery.

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7.1.1 Protective measures:

A dust mask will be adequate for smaller quantities and/or intermittent

use. 7.1.2 Advice on general occupational hygiene:

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities:

Powders should be stored in a dry covered area, avoid generation of dust.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Follow workplace regulatory exposure limits for all types of airborne dust

8.2 Exposure controls:

Appropriate engineering controls. Minimise airborne dust generation. Use LEV or other methods to control levels.

8.2.1 Individual protection measures:

Eye/face protection:

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU). Safety glasses with side-shields are recommended.

Hand protection:

Handle with gloves. gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use with accordance with applicable laws and good laboratory practices. Wash and dry hands.

Selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Nitrile rubber gloves are recommended, with a layer thickness of 0.11mm and a breakthrough time of >480min.

Body protection:

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of dangerous substance at the specific work place.

Respiratory protection:

Respiratory protection is not required. Approved dust masks (eg type N95 (US) or type P1 (EN 143)) should be worn to prevent overexposure in case the dust level exceeds the authorised limits. Ensure that all occupational exposure standards are observed.

8.2.2 Environmental Exposure Controls

No special controls required.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		White, off white, grey powder
Physical state:		Powder
Colour:		White
Odour:		Odourless
pH:		8 – 10% suspension of talc in water.
Melting point/range (°C):		>1300
Boiling point/range (°C):		Not applicable.
Flash point (°C):		Not applicable.
Evaporation rate:		Not applicable.
Flammability (solid, gas):		Not applicable.
Ignition temperature (°C):		Not applicable.
Upper/lower flammability/explosive limits:		Not applicable.
Vapour pressure:	@ 20°C	Not applicable.
Vapour density:		Not applicable.
Relative Density (g cm ⁻³):	@ 20°C	2.58 – 2.83
³) Solubility:		In water: < 0.1%
Auto-ignition temperature (°C):		Not applicable.
Decomposition temperature (°C):		>1000°C
Viscosity (mm ² s ⁻¹ , cSt):	@ 25°C	Not applicable.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Non-reactive.

10.2 Chemical stability:

Stable and non-reactive under normal conditions.

10.3 Possibility of hazardous reactions:

None.

10.4 Conditions to avoid:

None.

10.5 Incompatible materials:

None.

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10.6 Hazardous decomposition products:

None.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

No acute toxic effect has been observed; as indicated in the IARC (International Agency for Research on Cancer) monograph on talc: "no acute mortality was observed in several species of animals following administration of high doses of talc by ingestion, inhalation or intratracheal, intrapleural, intraperitoneal or subcutaneous injection."

Talc is not listed as a carcinogen by NTP (US National Toxicological Programme) and not regulated as a carcinogen by OSHA (US Occupational Safety and Health Agency).

Acute toxicity:

Not toxic

Skin corrosion/irritation:

May cause irritation

Serious eye damage/irritation:

May cause irritation

Respiratory or skin sensitization:

May cause irritation

Germ cell mutagenicity:

Based on available data, the classification criteria are not met

Carcinogenicity:

ditto

Reproductive toxicity:

Not available.

STOT- single exposure:

Criteria not met

STOT- repeated exposure:

Criteria not met

Aspiration hazard:

Criteria not met

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No Known environmental effects.

12.2 Persistence and degradability:

Non-biodegradable. Persistent.

12.3 Bioaccumulative potential:

No bio-accumulation or bio-magnification identified.

12.4 Mobility in soil.

Not relevant

12.5 Other adverse effects:

None known

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Talc can be disposed of as non-toxic/inactive materials in approved landfill sites in accordance with local regulations. Return large quantities to manufacturer.

Packaging

Store used packaging in closed receptacles

13.2 Product/ Packaging disposal:

Not available.

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14 TRANSPORT INFORMATION

14.1 General:

Talc is not classified as dangerous for transportation under EU or UK national regulations. No special precautions are required.

14.2 UN-no:

Not applicable.

14.3 Transport hazard class(es)

14.3.1 RID/ADR:

Not applicable.

14.3.2 IMDG:

Not applicable.

14.3.3 IATA/ICAO:

Not applicable.

15 REGULATORY INFORMATION

Other regulations based on domestic or foreign laws:

The following inventories have been investigated as to the publicly available portion of the lists:

Mineral	CAS	EINECS (EU)	AICS (Australia)	CEPA (DSL/NDL)(Canada)	KECI Korean Gazette No. (Korea)	ENCS/ISHL/MITI (Japan)
Talc	14807-96-6	238-877-9	Yes	Yes (DSL)	KE-32773	Yes*
Chlorite	1318-59-8	215-285-9	No	Yes* (DSL)	KE-05489	Yes*
Dolomite	16389-88-1	240-440-2	Yes	Yes (DSL)	KE-13036	Yes*
Magnesite	13717-00-5	-	No	Not listed	Not listed	Not listed

Mineral	IECSC (China)	PICCS (Phillipines)	TSCA (USA)	SWISS ID No. (Switzerland)	NZIoC (New Zealand)
Talc	Yes	Yes	Yes	G-6939	Yes
Chlorite	Yes	Yes	Yes*	No	Yes
Dolomite	Yes	Yes	Yes	G-8431	Yes
Magnesite	Yes	Yes	Not listed	No	Yes

Yes*: There exists a broad category for naturally occurring chemicals, so these minerals are covered by definition, but not specifically listed.

15.2 Chemical safety assessment:

Exempted from REACH Registration in accordance with Annex V.7.

16 OTHER INFORMATION

Issued by:

J. Allcock & Sons Ltd.

SDS Issue No.:

WEB01

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05/2019

For any further information please contact **J. Allcock & Sons Ltd.**

DISCLAIMER: All information and instructions provided in these Safety Data Sheets (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SHI. J. Allcock & Sons Ltd. shall not be held responsible for any defect in the product covered by this SHI, should the existence of such defect not be detectable considering the current state of scientific and technical knowledge. **Dated: 05/2019**

