SAFETY DATA SHEET

Finntalc M30

1 IDENTIFICATION OF SUBSTANCE

1.1 Product Identifier:

Identification on the label/ Trade name: Finntalc M30

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

1.2.1 Identified uses:

Filler for rubber compounding.

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

1.4 Emergency telephone number Tel: +44 (0)161 223 7181

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

2.1.1 Classification:

This product does not meet the criteria for classification as hazardous as defined in the Regulation EC 1272/2008. This product should be handled with care to avoid dust generation.

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:
Not applicable.

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

This product is an inorganic substance and does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH.

3 COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance/Mixture:

The product in question is a substance.

3.2 Ingredients:

Finntalc Powder and Granulates is a natural association of talc, chlorite, dolomite and magnesite.

Substance Name	% by weight	CAS#	EINECS No.	Classification EU (67/548/EEC)
Talc	> 96	14806-96-6	238-887-9	No classification
Chlorite	} 0-4	1318-59-8	215-285-9	No classification
Dolomite		16389-88-1	240-440-2	No classification
Magnesite		13717-00-5	-	No classification

This product does not contain detectable amounts of asbestos fibres as defined by the US Occupational Safety and Health Administration (OSHA) and the European Directive 83/477/EEC, when analysed by conventional methods. This statement is based upon verification by certified independent laboratories.

For use in foodstuff, pharmaceutical or cosmetics please contact your agent.
This product does not contain any classified impurity.

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4 FIRST-AID MEASURES

4.1 Description of first aid measures:

4.1.1 In case of inhalation:
No special first aid measures. Remove to fresh air and get medical attention in case of serious respiratory problems.

4.1.2 In case of skin contact:
No first-aid measure required.

4.1.3 In case of eyes contact:
Rinse with lots of quantities of water & seek medical attention if irritation persists.

4.1.4 In case of ingestion:
No first-aid measure required.

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

Symptoms of acute accidental exposure would be non-specific and similar to those of a massive inhalation of any dust without toxic effects. These symptoms may include coughing, expectoration, sneezing, and difficulty in breathing due to upper respiratory tract irritation.

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

No specific actions are required.

5 FIRE-FIGHTING MEASURES

5.1 Extinguishing Media:

5.1.1 Suitable extinguishing media:
All extinguishing media can be used.

5.1.2 Unsuitable extinguishing media:
All extinguishing media can be used.

5.2 Specific Hazards arising from the substance or mixture:

The product is not flammable, combustible or explosive. No hazardous thermal decomposition.

5.3 Advice for fire-fighters:

No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid airborne dust generation. If the generation of dust is likely, personal protective equipment should be worn in compliance with national legislation.

6.2 Environmental precautions:

No special requirements.

Contain spillage and clean up as indicated below.

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 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 airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in section 16.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures/Precautions: Keep the product dry and cool, in closed containers, away from direct sunlight. Well ventilated.

7.3 Specific end use(s):

If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Country	Name of agent	CAS No	Identifier	TWA (mg/m3)	Notation	Source
GB	Dust		WEL	10	Inhalable	EH40/2005
GB	Dust		WEL	4	Respirable	EH40/2005
GB	Talc	14807-96-6	WEL	1	Respirable, no asbestos fibres	EH40/2005

8.2 Exposure controls:

8.2.1 Appropriate engineering controls:

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

8.2.2 Individual protection measures:

Eye/face protection:

Wear safety glasses with side-shields in circumstances where there is a risk of dust generation which could lead to mechanical irritation of the eye.

Hand protection:

Protective gloves are not necessary, recommended for those prone to skin irritation/dryness.

Body protection:

No specific requirement.

Respiratory protection:

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the requirements of European or national legislation. The use of half or full face mask with filters against particles of category 2 pr 3 (FP2 – FP3) is recommended. See EN 143: 2000 – Reparatory protective devices. Particle filters

8.2.3 Environmental exposure controls:

Avoid wind dispersal.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Appearance:		
Physical state:		Solid
Colour:		White, off white to light grey powder
Odour:		Odourless
pH:		8-10 (pH should be measured, generally, at 10% wt in water dispersion)
Melting point/range (°C):		> 1300 ^{o}C
Boiling point/range (°C):		to be completed
Flash point (°C):		to be completed
Evaporation rate:		to be completed
Flammability (soild,gas):		Non flammable
Upper/lower flammability/explosive limits:		Not explosive. Limits do not apply
Vapour pressure:	@ 20°C	to be completed
Vapour density:		to be completed
Relative Density (g cm^{-3})	@ 25°C	2.75 g cm $^{-3}$
Solubility:	in water	negligible
	in hydrofluoric acid	yes
Auto-ignition temperature (°C):		to be completed
Decomposition temperature (°C):		> 1000 °C
Viscosity (mm^2 s^{-1}, cSt):	@ 25°C	Not applicable.

9.2 Other information:

No other information.

10 STABILITY AND REACTIVITY

10.1 Reactivity:

Inert, not reactive.

10.2 Chemical stability:

Chemically stable.

10.3 Possibility of hazardous reactions: No hazardous reactions.

10.4 Conditions to avoid:

Not relevant.

10.5 Incompatible materials:

None known.

10.6 Hazardous decomposition products:

Not relevant.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

Inhalation is the primary route of exposure. Repeated and prolonged exposure to large amount of talc dust might induce a mild pneumoconiosis. This is caused by lung overload exposure, a non-specific particle effect, rather than a specific intrinsic fibrogenic activity of talc.

Acute toxicity:
Based on available data, the classification criteria are not met.
Skin corrosion/irritation:
Based on available data, the classification criteria are not met.
Serious eye damage/irritation:
Based on available data, the classification criteria are not met.
Respiratory or skin sensitization:
Based on available data, the classification criteria are not met.
Germ cell mutagenicity:
Based on available data, the classification criteria are not met.
Carcinogenicity:
Based on available data, the classification criteria are not met.
Reproductive toxicity:
No data are available on this product.
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.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

No data are available on this product. No specific adverse effect known

12.2 Persistence and degradability:

No data are available on this product. Product is an inorganic substance and therefore is not considered biodegradable.

12.3 Bioaccumulative potential:

Not relevant.

12.4 Mobility in soil:

Negligible.

12.5 Results of PBT and vPvB assessment

Not relevant.

12.5 Other adverse effects:

No specific adverse effects known.

13 DISPOSAL CONSIDERATIONS

13. 1 Waste treatment methods:

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

13.2 Product/ Packaging disposal:

Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles.

The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

Recycling and disposal of packaging should be carried out in compliance with local regulations.

14 TRANSPORT INFORMATION

14.1 General:
Not relevant.
14.2 UN-no:
Not relevant.
14.3 Transport hazard class(es)

14.3.1 RID/ADR:
Not classified.
14.3.2 IMDG:
Not classified.
14.3.3 IATA/ICAO:
Not classified.

14.4	Packing Group.	Not relevant
14.5	Environmental hazards	Not relevant

15 REGULATORY INFORMATION

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

Workplace Exposure Limits (WEL) for talc:

Austria 5 mg/m^3, Belgium 2 mg/m^3, Bulgaria 3 mg/m^3, Czech Republic 2 mg/m^3, Denmark 5 mg/m^3, Finland 5 mg/m^3, France 5 mg/m^3, Germany 2 mg/m^3, Greece 2 mg/m^3, Hungary 2 mg/m^3, Ireland 0.8 mg/m^3, Italy 2 mg/m^3, Lithuania 1 mg/m^3, Luxembourg 2 mg/m^3, Netherlands 0.25 mg/m^3, Norway 2 mg/m^3, Poland 1 mg/m^3, Portugal 2 mg/m^3, Romania 2 mg/m^3, Slovakia 2 mg/m^3, Slovenia 2 mg/m^3, Spain 2 mg/m^3, Sweden 1 mg/m^3, Switzerland 2 mg/m^3, UK 1 mg/m^3

International legislation/requirements:

Industrial Safety and Health Law: This product does not contain harmful or controlled hazardous substances under ISHL. Contains silica requiring workplace environmental monitoring.

Contains <1% silica.

Toxic Chemical Control Act: This product does not contain chemical substances regulated as toxic, observational, restricted or banned under TCCA.

Dangerous Substance Management Law: This product does not contain chemical substances regulated under DSML.

Waste Management Law: Ensure to dispose of in accordance with the waste treatment standards prescribed in Waste Management Law.

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/NDSL)(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:

Exempt from REACH Registration with accordance with Annex V.7.

16 OTHER INFORMATION

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J. Allcock & Sons Ltd.
SDS No.:
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Date:
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For any further information please contact **J. Allcock & Sons Ltd.**