

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 1 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

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

1.1 Product identifier:

Silicone bonded muscovite mica paper laminate.

Description

Electrical and thermal insulating material. The product as supplied is classified as an article under the REACH regulation, and detailed product information is therefore not appropriate.

1.2 Details of the supplier of the safety data sheet:

Name	Attwater & Sons Ltd
Address	Hopwood Street Mills Hopwood Street Preston PR1 1UN UNITED KINGDOM
Information contact	Matthew D'Arcy
E-Mail (competent person)	info@attwater.com

1.3 EMERGENCY TELEPHONE NUMBER:

+44(0)1772 258245
9am - 5pm Monday – Thursday
9am - 1pm Friday

SECTION 2: Hazards identification

None, however dust generated during machining processes will contain mica particles which have the following hazard classifications:

2.1 Classification of mica contained in dust generated during machining processes, according to Regulation (EC) No 1272/2008 [CLP]:

Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; STOT RE 1: H372; Aquatic Chronic 2: H441

Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

SECTION 3: Composition/information on ingredients

Component	CAS No.	Concentration w/w	Classification according Regulation (EC) No. 1272 [CLP]
Mica	12001-26-2	80-90%	H315; H319; H335; H372
Silicon binder	N/A	5-10%	None
Support	N/A	5-10%	None

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 2 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

Additional information:

Full text of H- and EUH-phrases: see SECTION 16.

This material does not contain further substances fulfilling the criteria of hazard class "acute toxicity" according to CLP regulation. Substances are mechanically held within the binder.

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

If inhaled, move the affected person to fresh air. Seek medical attention.

Following skin contact

Cleanse with soap and warm water.

Following eye contact

Flush with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Following ingestion

Wash out mouth with water. Remove to fresh air. If material is swallowed and the victim is conscious, give small amounts of water. Do not induce vomiting unless directed to by medical personnel. Seek medical attention.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use an extinguishing media suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Combustion products may include metal oxide(s).

5.3 Advice for fire-fighters

Use self-contained breathing apparatus (SCBA) and full bunker turnout gear in a sustained fire.

Additional information

Non-flammable

SECTION 6: Accidental release measures

The following information only applies to dust generated (e.g. machining waste)

6.1 Personal precautions, protective equipment and emergency procedures

Wear PPE as required

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 3 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

6.2 Methods and material for containment and cleaning up

For cleaning up

Employ procedures that keep airborne dust levels to a minimum. Do not use compressed air for moving dust.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Wear PPE as described in Section 8.

Dust generation preventions

Keep product in its packaging as long as is practicable to minimise potential dust generation. Keep work areas clean. Avoid unnecessary handling of scrap materials. Do not use compressed air for moving dust.

Advice on general occupational hygiene

Do not eat, drink or smoke in work areas. Wash hands thoroughly after use. Remove contaminated clothing before entering communal/eating areas.

7.2 Conditions for safe storage, including any incompatibilities

No special procedures.

SECTION 8: Exposure controls/personal protection

The following information only applies when dust is generated.

8.1 Control parameters

Occupational exposure limits

Limit value type (country of origin)	Substance name	CAS-No.	Occupational exposure limit value (long term)	Source
WEL (UK)	Mica total inhalable respirable	12001-26-2	10 mg.m ⁻³ 0.8 mg.m ⁻³	HSE EH40

8.2 Exposure controls

Appropriate engineering controls:

Use localised dust extraction to maintain airborne levels below WEL. Employ good housekeeping practices to minimise workplace dust levels.

Personal protective equipment

Eye / Face protection:

Avoid contact with eyes. If contact is likely, e.g. airborne/ejected dust, wear suitable eye protection e.g. safety goggles

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 4 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

Skin protection:	Avoid skin contact. Wear suitable gloves for handling of dusty materials (PVC/Nitrile/Vinyl). Barrier creams may be used (apply to clean skin) for wrists and other exposed areas.
Body protection:	Avoid skin contact. Wear suitable protective clothing, e.g. cotton overalls, to prevent dust contamination of personal clothing. Barrier creams may be used (apply to clean skin) for wrists and other exposed areas.
Respiratory protection:	Employ working practices that do not generate excess dust. Ensure local extraction is used. Respiratory protection is not usually required, however use close-fitting dust masks where airborne particulate will be above the WEL.
Additional advice:	Wash hands and face thoroughly with soap and water after use and before eating/drinking/smoking. If barrier creams are used, apply to clean skin only.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Solid	Colour:	White/grey	Odour:	None
Relative Density:	2.0 – 2.5 g/cm ³				
Decomposition temperature:	>500°C				

SECTION 10: Stability and reactivity

10.1 Reactivity: N/A

10.2 Stability: Binder undergoes changes of state at about 250°C.

10.3 Hazardous decomposition products:

CO₂, CO, SiO₂ from binder.

When there is a lack of oxygen, a small amount of formaldehyde and its polymerisation products will be formed as intermediate products.

SECTION 11: Toxicological information

11.1 Delayed and immediate effects from short- and long-term exposure to product/substance: mica dust

Skin Contact:	mica dust can cause irritation
Eye Contact:	mica dust can cause irritation
Inhalation:	mica dust can cause irritation
Ingestion:	mica dust can cause irritation

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 5 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity: Unknown

Sediment toxicity: Unknown

Terrestrial toxicity: Unknown

12.2 Persistence and degradability:

The material decomposes gradually into its components

12.3 Bioaccumulative potential: Unknown

12.4 Mobility in soil: Unknown

SECTION 13: Disposal considerations

No special measures required. Dispose of in accordance with local/national regulations as appropriate.

SECTION 14: Transport information

None

SECTION 15: Regulatory information

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

EU regulations

None

National regulations

None

15.2 Chemical Safety Assessment

For this substance a chemical safety assessment is not required.

SECTION 16: Other information

16.1 Indication of changes

Revision 1 - New document

16.2 Relevant R-, H- and EUH-phrases (number and full text)

Note: applies only to dust generated during machining processes.

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

Trade name: Attamica H

Product No: N/A

Version: 1.0 / EN

Page 6 of 6

Print date: 22/06/2018

Revision date: 22/06/2018

Skin Irrit. 2: H315	-	Causes skin irritation
Eye Irrit. 2: H319	-	Causes eye irritation
STOT SE 3: H335	-	May cause respiratory irritation
STOT RE 1: H372	-	Causes damage to organs (lungs)
Aquatic Chronic 2: H441	-	Toxic to aquatic life with long lasting effects

16.7 Further information

None