

Material Safety Data Sheet

Company:	Shanghai Advanced Building Materials Mineral Wool Factory		
Trade Name:	Products based on rock wool	Document No:	MSDS-001
Revision No:	1	Issue Date:	15 Oct 2007

1 Identification:

- 1.1 Trade and Synonyms:
Generic name:
Trade name:

rock wool



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- 1.2 Company address:

Shanghai Advanced Building Materials Mineral Wool Factory
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2 Information on ingredients:

Inert mineral wool/fibres (Ca-Mg-Al-Silicate) bonded with low amount of organic binder

3 Hazards identification:

- 3.1 Mineral wool/fibres

The mineral wool/fibres may cause (transient mechanical) irritation to skin.
High dust levels may irritate the throat and eyes.

4 First-aid measures:

- 4.1 Skin
If irritation occurs, do not rub or scratch. Rinse under running water prior to washing with mild soap and water.
- 4.2 Throat and Eyes
If irritation occurs, flush eyes with water and or drink water to clear throat. Do not rub the eyes. Consult a physician if irritation persists.

5 Fire-fighting measures:

The products are non-combustible and do not pose a fire hazard. However, packaging and facing material may burn.

- 5.1 Suitable extinguishing media
Water, foam, carbon dioxide or dry powder
- 5.2 Extinguishing media which must not be used for safety reasons
None

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11 toxicological information:

11.1 Coarse fibers

Coarse fibers can cause itching of the skin, foreign body reaction in the upper respiratory system (mucous membranes), and in the eyes. The itching and possible inflammation are a mechanical reaction to the coarse fibers (of more than about 5 µm in diameter) and are not damaging in the way chemical irritants may be. They generally abate within a short time after the end of exposure.
When products are handled continually, the skin itching generally diminishes.

11.2 Respirable fibers

According to IARC rock (stone) wool is classified as Group 3, "not classifiable as to its carcinogenicity to humans".
(In October 2001, the International Agency for Research on Cancer "IARC", part of the World Health Organisation reviewed its 1987 classification of mineral wool fibres and removed them from the list of possible carcinogens)

12 Ecological information:

Stable product with no known adverse environmental effects

13 Disposal consideration:

The product can typically be disposed of in an ordinary landfill (local regulation may apply). If you are unsure of the regulations contact the local Department Of Environment (DOE)

14 Transport information:

No special precautions.

15 Further Information:

15.1 Health Aspects

IARC Working Group on Man—made Vitreous Fibres – Volume 81 of the IARC Monographs, Lyon, 9-16 October 2001.

Safety in the Use of Mineral and Synthetic Fibers, Occupational Safety and Health Series. International Labor Office (ILO).

North America

Information about "Health and Safety Research on Rock- and Slag-wool" can be obtained at the North American Insulation Manufacturers Association (NAIMA, 44 Canal Center Plaza, Suite 310, Alexandria, VA 22314, USA).

Home-page: <http://www.naima.org>

15.2 Good Working Practices

Local regulations may apply.

n.a. = not applicable

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