



MATERIAL SAFETY DATA SHEET **ROCKWOOL PRODUCTS**

SECTION 1: IDENTIFICATION OF THE MATERIAL AND MANUFACTURER

Brand	: QMF Rockwool Products
Recommended Use	: Thermal and Acoustic Insulation, fire protection
Generic Name	: Stone wool/Rockwool
Manufacture	: M/s QATAR MINERAL FIBERS
Address	: Factory.339, Street 7, sector 81, New Industrial Area, DOHA, QATAR
Telephone	: +974 44410026
E-Mail	: info@qmfrrockwool.com
Web site	: www.qmfrrockwool.com

SECTION 2: HAZARDS IDENTIFICATION

Non-Hazardous – Non-Dangerous Substance
Rockwool may cause temporary irritation to skin.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	: Proportion:
Fiberized Bio soluble Minerals	: 95%
Heat cured resin	: <5%
Mineral oil (Solvent refined)	: <2%

Other properties: The fibers and particles are amorphous (non-crystalline). The resin and Solvent refined mineral oils bind the fibers and particles together and minimize the release of dusts. The heat-cured resin is stable and will remain intact for the life of the product under normal atmospheric conditions.

SECTION 4: FIRST AID MEASURES

Swallowed: Rinse the lips and mouth with water, give water to drink, and seek medical Attention.

Eye: Flush with copious amounts of water. If symptoms persist seek medical attention.

Skin: Sluice with water and, if itching persists, seek medical attention.

Inhaled: Remove to fresh air. If symptoms persist seek medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards: Non-flammable at recommended service temperature. No fire or Explosion hazard exists.

Extinguishing Media: Use water-fog, foam, carbon dioxide or dry.

SECTION 6: ACCIDENTAL RELEASE MEASURES

If product is torn or loose, reseal and minimize fiber release. Personnel directly involved in clean up should wear protective equipment to prevent skin and eye irritation. Clean area so as to avoid dispersion of any irritant fibers using wet sweep methods or approved Micro-filter equipped vacuum cleaner. Reuse where possible or place in a sealable plastic bag for disposal.

SECTION 7: HANDLING AND STORAGE

Handling: Handling, installing or removing the product may result in some dust and airborne fiber; minimize eye or skin contact and inhalation during handling, installation and removal. Observe good personal hygiene including washing hands before eating. Remove protective equipment before entering eating areas. Rockwool products, once installed, do not release dust or fibers, and does not cause any health effects.

Storage: Store in sealed container in cool, dry area, removed from foodstuffs. Ensure packages are adequately labeled, protected from physical damage, and sealed when not in use. Avoid packaging being stored under UV light (direct sunlight) for long periods.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Eyes and Face: Wear safety glasses with side shields and a face shield.

Protective Clothing: Long sleeve, Loose-fitting clothing is recommended while using this product.

Skin: Rubber gloves are recommended while handling this product.

Personal Hygiene: Washing of exposed skin with soap and water at the end of a shift or as required is recommend

During most applications and installation of this product proper ventilation will be required in dusty, or in confined spaces, local exhaust ventilation should be considered. Work areas should be cleaned regularly and vacuuming or wet sweeping is recommended.

SECTION 9: STABILITY AND REACTIVITY

Chemical Stability: No reported incompatibilities, however resin binders may be attacked by acidic, alkaline or solvent based substances. The cured resin is stable and will remain intact for the life of the product under normal atmospheric conditions.

Hazardous Polymerization: None known

Conditions to avoid Reactivity: None

Hazardous Decomposition products: None known

SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES:

10.1 Appearance: Solid, slight yellowish, some products have an aluminum foil, Kraft paper laminate, BFG and Metal mesh facing

10.2 Odor: No appreciate odor.

10.3 Odor threshold: N.A.

10.4 pH (a 1000g/H₂O, 25 °C)

10.5 Initial boiling point: N.A.

10.6 Boiling Range: N.A.

10.7 Melting point: Above 1000 °C.

10.8 Flash point: N.A.

10.9 Evaporation rate: N.A.

10.10 Flammability: N.A.

10.11 Auto flammability: Inflammable.

10.12 Explosive properties: No unusual fire and explosion hazards.

However, paper and foil facings of some products can burn. Special care should be taken, when working close to facings with any type of open flame.

10.13 Product density: 40-180 kg/m³

10.14 Vapor Density: N.A.

10.15 Vapor pressure: N.A.

10.16 Oxidizing properties: N.A.

10.17 Solubility: N.A.

10.18 Partition coefficient: N.A.

10.19 Auto-Ignition temperature: N.A.

10.20 Decomposition temperature: N.A.

10.21 Percentage Volatile: Not applicable

10.22 Volatile Organic compound: N.A.

9.21 Other data: N.A.

(N.A. = Not Applicable)

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Effects: Products designed for high temperature applications may release gases CO₂, formaldehyde, amines from the resin bonding which are irritating to the eyes, nose and throat during initial heat-up. In confined or poorly ventilated areas, use air-supplied respirators during the first heat-up cycle.

Swallowed: Unlikely under normal conditions of use, but would result in irritation of the lips, mouth and stomach.

Eye: May cause eye discomfort resulting in watering and redness.

Skin: Irritate the skin resulting in itching and occasionally a red rash. The rash is not allergic and usually disappears quickly.

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Inhaled: The dust may cause discomfort of the nose, throat and respiratory tract, especially in those suffering from upper respiratory or chest complaints such as hay fever asthma or bronchitis.

Chronic: Rockwool is Bio-soluble. Bio-soluble means that any fibers inhaled into the lungs dissolve in body fluids and are then cleared from the lungs.

SECTION 12: ECOLOGICAL INFORMATION

Eco toxicity: Neither the raw materials used nor the finished product contain any ozone depleting chemicals. This product is not classified as a hazardous air pollutant. Rock wool is bio-soluble and in most ecosystems it would be expected to solubilize over a period of weeks to months. Binder-coated rock wool is hydrophobic, and no adverse environmental effects would be expected if accidentally released in the water or soil.

Stable product and no adverse environmental effect.

Place in sealed, appropriately labeled plastic bags and dispose of in accordance with local Authority guidelines. Clean area with micro equipped vacuum or wet sweep. Any waste material should be cleaned up and disposed of in accordance with local authority guidelines.

SECTION 13: DISPOSAL CONSIDERATIONS

Place in sealed, appropriately labeled plastic bags and dispose of in accordance with local Authority guidelines. Clean area with micro equipped vacuum or wet sweep. Any waste material should be cleaned up and disposed of in accordance with local authority guidelines.

SECTION 14: TRANSPORTATION INFORMATION

No special Transportation Precautions

Subsidiary Risk : None allocated

Packaging Group : None allocated

The information contained herein is based upon data considered to be accurate. However no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof or that any such use will not infringe upon any patent. This information is furnished as a guide only and upon the condition that the person receiving it shall make tests to determine the accuracy and suitability for his or her own purpose.

The information in the Material Safety Data Sheet (MSDS) is believed to be correct as of The date issued. Highly skilled, Technical and R&D department check the Information provided in this Material safety data sheet. User should consider these data only as a supplement to other information.