THE WOOL INSULATION IS AVAILABLE WITH OR WITHOUT MOTHPROOF TREATMENT.
THE TREATMENT RENDERS THE WOOL MOTH-RESISTANT. INCLUDES AN UNCONDITIONAL GUARANTEE.

Mothproof and miteproof treatment (present on many synthetic and natural materials available for sale) is optional. Some customers prefer that the wool remain natural, or they prefer to apply the product on their own. We recommend our treatment, since even minimal damage caused by moths may seriously affect the insulation. It is a precaution that involves a very low use of the Mothproof product, with no contraindication.

Toxicity evaluation of the active substance of the product: Mothproof is an aqueous solution whose active substance is permethrin. Permethrin is non-volatile. When applied to the wool, it remains bound to the fibers for an indefinite period of time.
The percentage of permethrin contained in our Mothproof-treated wool insulation is 0.0051%.

For your reference, the percentage of permethrin contained in wool garments may be as high as 0.05%, nearly 10 times the amount contained in our wool insulation.
The toxicity for ingestion of pure Mothproof (i.e., drinking the product directly from a container) has the parameter LD50 > 10.000 mg/kg that indicates a 50% possibility of seizures with ingestion of a dose greater than 10 grams per body kilogram.
The 67/548 EEC has deemed as potentially dangerous, substances with a content of permethrin greater than 2.5% (50 times the amount permitted for clothing and 490 times the amount contained in our wool).

The following Material Safety Data Sheet is for the Mothproof product itself, not as applied to the wool insulation product.

MOTHPROOF SAFETY DATA SHEET
Safety data sheet 21/06/2007, review 3

1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Trade name:</th>
<th>MOTHPROOF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commerciale Code:</td>
<td>901203</td>
</tr>
<tr>
<td>Type of product and employment:</td>
<td>Mothproof</td>
</tr>
<tr>
<td>Supplier:</td>
<td>SUPER GLANZ spa</td>
</tr>
<tr>
<td>Registered office:</td>
<td>Via Parugiano di Sotto 28/30 Oste Montemurlo (PO), Italy</td>
</tr>
<tr>
<td>Plant:</td>
<td>Via Parugiano di Sotto 6/8 Oste Montemurlo, Italy</td>
</tr>
<tr>
<td>Emergency telephone number of the company and/or official body of consultation:</td>
<td>SUPER GLANZ spa – Phone +39 574/799191</td>
</tr>
<tr>
<td>Person responsible for the accuracy of the data sheet</td>
<td><a href="mailto:paolo.bartolinil@super-glanz.it">paolo.bartolinil@super-glanz.it</a></td>
</tr>
</tbody>
</table>

2. DANGER LEVEL

<table>
<thead>
<tr>
<th>Property/Symbols:</th>
<th>Xn Harmful.</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>Dangerous to the environment.</td>
</tr>
<tr>
<td>R</td>
<td>R20/22 Harmful if inhaled or swallowed.</td>
</tr>
<tr>
<td></td>
<td>R43 May cause irritation in contact with skin.</td>
</tr>
<tr>
<td>R</td>
<td>R 50/53 Highly toxic to aquatic organisms, may cause long-term adverse effects to the aquatic environment.</td>
</tr>
</tbody>
</table>
3. INFORMATION ON SUBSTANCE COMPOSITION
Substances dangerous for the health within the meaning of Directive 67/548/CEE and subsequent adjustments, or for which there are limits to recognized exposure:

> 2.5% Permethrin CAS 52645-53-1
Xn, N; R20/22-43-50-53

4. FIRST AID MEASURES
Contact with skin: Remove exposed clothing. Place in cloth or paper bag. Wash thoroughly with soap and water. Notify a doctor about exposure to the substance.
Contact with eyes: Rinse eyes immediately. Continue washing eyes with water for at least 15 minutes. Notify a doctor about exposure to the substance.
Ingestion: Do not drink any beverage. To avoid risk of aspiration of the product in the trachea, do not induce vomiting. Keep the injured lying down. SEEK IMMEDIATE MEDICAL ATTENTION.
Inhalation: Ventilate the area. Remove exposed person to a well ventilated room. CALL A DOCTOR.

5. ANTI-FIRE MEASURES
Recommended fire extinguishers: Nebulized water, CO2, foam, chemical powders, according to the materials involved in the fire.
Forbidden fire extinguishers: None particularly.
Risks of combustion: Light poisoning, irritation of skin and eyes. Decomposition products; water, carbon monoxide (TVL-TWA: 57 Mg/MC) and to a lesser extent, mineral salts.
Means of protection: Use respiratory system protective gear, including a complete fire-proof suit, helmet with visor or cap with screen, anti-heat gloves, anti-heat shoes, and appropriate fire protection equipment.

6. MEASURES IN CASE OF ACCIDENTAL SPILLAGE
Individual precautions: Wear personal protective gear. Avoid contact with eyes and skin. Avoid inhalation.
Environmental precautions: Contain the spillage with earth or sand. Contain contaminated water. If the product is washing into a stream, into the sewage system, or has contaminated the soil or the vegetation, notify the appropriate authorities.
Cleaning methods: Wear masks and protective gear to wash the exposed area. Avoid runoff into the drainage system. Collect the product for re-use, if possible, or for disposal. Eventually the product will absorb with surrounding inert materials. After clean-up, wash the exposed area and materials with warm water.

7. HANDLING AND STORAGE
Handling precautions: Product will cause surface to be slippery when spilled. See also Paragraph 8 below. Do not manipulate in areas exposed to flames, sparks or other sources of ignition. Do not eat or drink while working with this product.
Incompatible material: Keep away from flames, sparks or other sources of ignition. See also Paragraph 10 below.
Storage conditions: Protect from frost and sunlight. Do not store at temperatures below 0°C (32°F).
Indication of the premises: Keep premises adequately ventilated.
8. CONTROL OF INDIVIDUAL EXPOSURE/PROTECTION

Precautionary measures: Adequately ventilate the premises where the product is stored and/or manipulated.

Respiratory protection: Use adequate respiratory protection, such as a mask with filter cartridge.

Hands protection: Use protective gloves.

Eyes protection: Use safety glasses.

Skin protection: Wear fully protective clothing.

Exposure limits of the substances contained: None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Aspect and color: Clear liquid straw yellow color.

Smell: Characteristic.

pH: at 10g/l H2O 6,5+/-0,5.

Melting point: N/A

Boiling point: >197°C.

Inflammability point: >106°C method P.M. ASTM D 93.

 Explosive properties: N/A

Oxidizing properties: N/A

Relative density: 20°C 1,075+/−0,010.

Water solubility: Emulsifiable.

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable in normal conditions.

Substances to avoid: Avoid contact with strong oxidation. Keep away from open flames, sparks and heat sources.

Dangers from decomposition: None.

11. TOXICOLOGICAL INFORMATION

Shown below is the toxicological information relating to the main substances in the preparation:

Oral toxicity LD50 (rat): >10000 mg/kg.

12. ECOLOGICAL INFORMATION

Use good work practices while handling. Avoid dispersing the product into the environment.

COD=1800 BiAS = 18 (data expressed in mg/g of product)

Itrio-toxicity: LC50 > 3.2 mg/l

Bacteriological toxicity: EC50 > 50 mg/l

Used and manipulated correctly, product does not harm the environment.

13. DISPOSAL CONSIDERATION

Recover if possible. Send to authorized recycle center or to incinerator under controlled conditions.

Operate according to existing local and national provisions.

This material and its container must be disposed of as dangerous waste.

Do not disperse into the environment. Refer to special instructions/information sheets in the field of security.

Where applicable, it refers to the following regulations: 91 /156/eeec, 91 /689/eeec, 94 /62/ec and subsequent adjustments.

14. TRANSPORT INFORMATION

Road (ADR): Class 9 gr.imb. III

Maritime (IMDG/IMO): Class 9 gr.imb. III

ONU Number: 3082

Marine pollutant: Yes
15. REGULATION INFORMATION

D. Lgs. 02/03/1997 n. 52 (Classification, packaging and labeling dangerous substances).
D. Lgs. 03/14/2003 n. 65 (Classification, packaging and labeling dangerous preparations).
D. Lgs. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. Lavoro 02/26/2004
(Professional exposure limits), D.M. 02/20/2006 (Directive reception 2004/73/CE, 29° ATP),
Regulation (CE) n. 1907/2006

Symbols:

Xn Harmful
N Dangerous to the environment

R Sentences:
R20/22 Harmful if inhaled or swallowed.
R43 May cause irritation in contact with skin.
R50/53 Highly toxic to aquatic organisms, may cause long-term adverse effects to
the aquatic environment.

S Sentences:
S13 Keep away from food, animal feed and beverages.
S24 Avoid contact with skin.
S36/37/39 Use protective clothing, gloves, and safety goggles when handling.
S60 This material and its container must be disposed of as dangerous waste.
S61 Do not disperse into the environment. Refer to special instructions/
information sheets in the field of security.

Contains:
Permethrin.

Where applicable
reference is made
to the following regulations:
D.P.R. 303/56 (Health checks).
DM51/90 e D.P.R. 203/88 (Emissions in the atmosphere).
Ministerial Circulars 46 e 61 (Aromatic amines).
Law 136/83 (Biodegradability detergents).
D. Lgs. 17 August 1999 n. 334 (Seveso Bis Directive).
D.P.R. 250/89 (Labeling detergents).
D. Lgs 626/94 and subsequent amendments and supplements
“Improving the health and safety of workers”.
D. Lgs 02/05/1997 n. 22 (Packaging waste and hazardous waste).
D. Lgs 152/99 (waste water discharges).

16. OTHER INFORMATION

Main bibliographical sources:
ECDIN – Environmental Chemicals Data and Information Network – Joint
Research Centre, Commission of the European Communities
SAX’s DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS –Eighth
Edition – Van Nostrand Reinold
ACGIH – Threshold Limit Values – 2004 edition

The information herein is based on our knowledge to the date mentioned above. They are only related to the
indicated product and are not guarantees of special qualities. User is required to confirm the suitability and
completeness of the information in relation to the specific application for which it is to be used.
This document replaces and supersedes all previous editions.

R20/22 Harmful if inhaled or swallowed.
R43 May cause irritation in contact with skin.R50/53 Highly toxic to aquatic organisms, may cause long-term
adverse effects to the aquatic environment.