



Safety Data Sheet
According to 91/155 EEC

Printing date 02/24/2009

Revision: 02/24/2009

1 Identification of the substance/preparation and of the company/undertaking

· **Product details**

· **Trade name:** INSWOOL-HP BLANKET 6

· **Manufacturer/Supplier:**

ANH Refractories Company
400 Fairway Drive
Moon Township, PA 15108

General Phone: (412)375-6600

· **Information in case of emergency:** CHEMTREC 24 HOUR EMERGENCY PHONE NUMBER: 1-800-424-9300.

2 Composition/information on ingredients

· **Chemical characterization**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

142844-00-6	refractory ceramic fibers (RCF)	Danger: Health hazard 3.6/1A Warning: Exclamation mark 3.3/2A, 3.8/3	60-100%
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· **Additional information:**

*This product contains Refractory Ceramic Fibers (RCF) or an RCF wrap or mat. IARC has classified RCFs as a possible human carcinogen, Group 2B. This classification was based on sufficient evidence of carcinogenicity in animals and no available data in humans. NTP classified respirable RCFs as reasonably anticipated carcinogens. Recent industry ongoing epidemiology studies show the general health of workers in the RCF industry was similar to that of workers in other dusty work environments. There have been no reports of mesothelioma, and the lung cancer rate appears similar to background rates, but the number of workers with a long latency period are too few for definitive conclusions. There was a small number of employees with an increased risk of developing pleural plaques (shadows along the inside of the chest wall). These plaques, however, are not known to cause symptoms or disability. ANH recommends that safe handling methods are followed, including air monitoring in areas wherever the potential exists for airborne fibers, minimizing airborne exposures through use of NIOSH approved respirators, and wearing protective clothing, gloves and eye protection.

For additional information please visit www.rcfc.net. Please review the workplace guidelines for additional handling information.

3 Hazards identification

· **Hazard description:**

Toxic

· **Information concerning to particular hazards to man and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

May cause cancer.

Irritating to eyes and respiratory system.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

(Contd. on page 2)



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(Contd. of page 1)

GHS label elements**Health hazard Danger**

3.6/1A - May cause cancer.

Exclamation mark Warning

3.3/2A - Causes serious eye irritation.

3.8/3 - May cause respiratory irritation.

Prevention:

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

Response:**IF INHALED:** Remove to fresh air and keep at rest in a position comfortable for breathing.**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Call a POISON CENTER or doctor/physician if you feel unwell.

If eye irritation persists: Get medical advice/attention.

Storage:

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations.

4 First-aid measures

After inhalation: Supply fresh air; consult doctor in case of complaints.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Flush eyes with water for 15 minutes. If irritation persists, consult a doctor.**After swallowing:**

This product is intended for industrial applications; in the unlikely event that this product is swallowed, consult a physician if any adverse medical conditions occur.

5 Fire-fighting measures

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.**Protective equipment:** No special measures required.

6 Accidental release measures

Person-related safety precautions: Not required.**Measures for environmental protection:** No special measures required.

(Contd. on page 3)



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(Contd. of page 2)

- **Measures for cleaning/collecting:**
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store product inside, out of extreme weather conditions.

8 Exposure controls/personal protection

- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes.
Avoid contact with the eyes and skin.
- **Respiratory protection:**



NIOSH approved respirators should be used if dust is present. A respiratory protection program should be implemented if exposures exceed OSHA PELs.

- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 4)



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According to 91/155 EEC

Printing date 02/24/2009

Revision: 02/24/2009

Trade name: INSWOOL-HP BLANKET 6

(Contd. of page 3)

- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· General Information

Form:	Fibres
Colour:	White
Odour:	Odourless

· Change in condition

Boiling point/Boiling range: Undetermined.

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Solubility in / Miscibility with water:** Insoluble.

· **Solvent content:**
Organic solvents: 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

(Contd. on page 5)

CDN



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Carcinogenic.

(Contd. of page 4)

12 Ecological information

· **General notes:** At present there are no ecotoxicological assessments.

13 Disposal considerations

· **Recommendation**

As sold, this product is not RCRA hazardous. Final used condition must be evaluated prior to disposal. Dispose of waste product in accordance with Federal, State and Local regulations.

· **Recommendation:** Reuse, recycle or treat as industrial waste.

14 Transport information

· **Maritime transport IMDG:**

· **Marine pollutant:** No

· **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

· **Domestic Substances List**

None of the ingredients is listed.

· **Labelling according to EU guidelines:**

· **Code letter and hazard designation of product:**

Toxic

· **Hazard-determining components of labelling:**

refractory ceramic fibers (RCF)

· **Risk phrases:**

May cause cancer.

Irritating to eyes and respiratory system.

· **Safety phrases:**

Do not breathe dust.

Avoid contact with eyes.

After contact with skin, wash immediately with plenty of soap and water.

Wear suitable protective clothing and gloves.

· **Special labelling of certain preparations:**

Contains . May produce an allergic reaction.



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Trade name: INSWOOL-HP BLANKET 6

(Contd. of page 5)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Contact:** Dylan L. Miller 412-375-6712
- **Creation date:** 12/05/2000
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- *** Data compared to the previous version altered.**

CDN