



HILTEX TECHNISCHE WEEFSELS

# MATERIAL SAFETY DATA SHEET

In Accordance with the EC Commission Directive 91/155/ECC, ISO11014-1

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## PRODUCT AND COMPANY IDENTIFICATION

**Hiltex Semi-Products BV.**  
**Handelsweg 37**  
**1525 RG West Knollendam**  
the Netherlands  
phone 31-(0)75-6871090  
fax 31-(0)75-6877132

Code N°: **Hiltex/Semi/002**

**PRODUCT NAME :**

**ALF Collars and Discs**

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## COMPOSITION - INFORMATION

**COMPONENTS :**

OUTER  
Continious alumina silica fiber in a polycrystalline form. Boron free.  
70%  $AL^2O^3$   
30%  $SiO^2$

INNER  
 $SiO^2+CaO + MgO$

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## HAZARDS IDENTIFICATION

**MAIN HAZARDS /  
HUMAN HEALTH EFFECTS :**

Handling of Collars and Discs may cause temporary skin, eye and upper respiratory tract irritation.



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#### **FIRST-AID MEASURES**

<b>INHALATION :</b>	Remove of scene of exposure
<b>SKIN CONTACT :</b>	Clean immediately with soap and lukewarm water
<b>EYE CONTACT :</b>	Flush well with running water for 10 minutes
<b>ALLERGY :</b>	N / A

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#### **FIRE FIGHTING MEASURES**

<b>RECOMMENDED EXTINGUISHING MEDIA :</b>	Use water or powder. Only the packaging burns (cardboard, polyethylene, PVC and polystyrene).
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#### **ACCIDENTAL RELEASE MEASURES**

<b>PERSONAL PRECAUTIONS :</b>	Avoid contact with the product In case of contact, refer to chapter 4
<b>ENVIRONMENTAL PRECAUTIONS :</b>	Respect local disposal regulations concerning inert type wastes (dump corresponding to product classified as “non hazardous”)
<b>METHODS OF CLEANING UP :</b>	Sweep and shovel in containers designed for silica or glass fibers waste.



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## HANDLING AND STORAGE

<p>HANDLING :</p> <p>Technical Measures /Precautions /Safe Handling Advice.</p> <p>STORAGE :</p> <p>Technical Measures :</p> <p>Storage Conditions :</p> <p>Incompatible Products :</p> <p>Packaging Materials :</p>	<p>Wear a paper mask, gloves, protective glasses.</p> <p>N/A</p> <p>Preferably at <math>0 &lt; 25^{\circ}\text{C}</math> and <math>\text{RH} &lt; 80\%</math></p> <p>N/A</p> <p>The product should be stored in its original packaging. Avoid excessive handling.</p>
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## EXPOSURE CONTROLS – PERSONAL PROTECTION

<p>ENGINEERING MEASURES :</p> <p>CONTROL PARAMETERS :</p> <p>Limit Values :</p> <p>PERSONAL PROTECTIVE EQUIPMENT :</p> <p>Respiratory Protection :</p> <p>Hand Protection :</p> <p>Eye Protection :</p> <p>Skin and body Protection (other than hands) :</p>	<p>Avoid generating dust by breaking the fibers Use exhaust fan to minimise irritation effect.</p> <p>Keep total dust concentration and respirable dust at a level compatible with local applicable regulations in workshops.</p> <p>Wear paper mask Recommended to wear gloves Wear protective glasses</p> <p>Wear long sleeves to avoid irritation</p>
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## PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE :	Solid
FORM :	Continuous alumina silica filaments, nominal diameter 7 micron.
COLOUR :	White
ODOUR :	None
pH :	N/A
SPECIFIC TEMPERATURE AT WHICH CHANGES IN PHYSICAL STATE OCCUR :	Sublimation above 1600°C
DECOMPOSITION TEMPERATURE :	Only the sizing is decomposed at a starting temperature of 100°C.
FLASH POINT :	≥ 177°C (sizing only)
EXPLOSION PROPERTIES :	N/A
DENSITY :	Density of the alumina silica : 2,6/cm <sup>3</sup>
SOLUBILITY :	Partial solubility of sizing in water.

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## STABILITY AND REACTIVITY

STABILITY :	Stable in storage conditions mentioned in chapter 7. Stable product, doesn't lead to any dangerous reaction.
POSSIBLE HAZARDOUS REACTIONS : HAZARDOUS DECOMPOSITION PRODUCTS.	When the combustion is kept going, small quantities of CO, CO <sub>2</sub> NH <sub>3</sub> may result from the decomposition of the sizing.



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## **TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY :	N/A
LOCAL EFFECTS :	Handling of continuous alumina silica filaments may cause temporary skin, eye and upper respiratory irritation.
SENSITISATION :	Possibility of cutaneous sensitisation.

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## **ECOLOGICAL INFORMATION**

PERSISTENCE / DEGRADABILITY :	The product is not biodegradable.
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## **DISPOSAL CONSIDERATIONS**

WASTE :	Respect local disposal regulations concerning inert type wastes (dump corresponding to product classified as “non hazardous”).
PACKAGING :	Respect local regulation concerning packaging material.

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## **TRANSPORT INFORMATION**

INTERNATIONAL REGULATIONS :	Continuous alumina silica filaments are not considered as dangerous according to transportation regulations and are therefore not subjected to special procedure.
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**REGULATORY INFORMATION**

	Respect general Health and Safety regulations The product is not listed under Directive 97/69/EC.
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**OTHER INFORMATION**

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This data sheet completes technical data sheets but does not replace them.  
The information given in this document corresponds to our knowledge relative to the product at the mentioned date. It is given in good faith.  
Furthermore users attention is drawn to possible risks when the product is used for other purpose than the one for which it was designed.  
In no cases it exempts the user from knowing and applying the texts regulation his activities.  
He will take sole responsibility for precautions regarding the way he uses the product.

As of : January 2002