



# SAFETY DATA SHEET

**Product name** High Density Gel Liner(s)

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### Identification of the substance/preparation

**Product name**

**Product code**

High Density

High Density Liner(s)

AKDTHD/AKFRHD, GLAKHD/GLBKHD,

SPDTHD/SPFRHD, SFPHD, SFX

### Use of the Substance/Preparation

**Supplier**

Prosthetic Devices

ALPS South, LLC

2895 42<sup>nd</sup> Avenue North

St. Petersburg, Florida 33714

USA

**Emergency telephone number**

**Emergency telephone number**

1 (727) 528-8566 (USA)

001 (727) 528-8566 (International)

## 2. HAZARDS IDENTIFICATION

### Most important hazards

This mixture has not been evaluated as a whole. All ingredients are bound in a polymer matrix and potential for hazardous exposure as shipped is minimal. However, some fumes may be released upon heating above 150°C.

None of the ingredients included are considered hazardous per OSHA 1910.1200.

If chemical is not specifically identified, it is considered proprietary.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Chemical nature of the preparation

Styrene Triblock Copolymer & Mineral Oil.

### Trade Name & Synonyms

**Formula**

EasyGel, GripGel

Proprietary Elastomer

### Components

- Hydrogenated styrene isoprene  
butadiene block copolymer

- Antioxidant

- Anti-Blocking agent

- Mineral Oil

- Irganox 1010

- Polyethylene

### EC-No.

### CAS-NO.

### Weight%

### TLV(Units)

N/Av

132778-07-5

>99%

N/Av

N/Av

N/Av

>1%

N/Av

N/Av

N/Av

>2%

N/Av

232-455-8

8042-47-5

100%

N/Av

N/Av

N/Av

N/Av

N/Av

N/Av

9002-88-4

100%

N/Av

## 4. FIRST AID MEASURES

### Inhalation

Consult physician if respiratory irritation occurs, and remove to fresh air.

### Skin contact

Consult physician if irritation occurs.

### Eye contact

Physical form should preclude any harmful effect from contact.

### Ingestion

Consult physician. No effects known.



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**NOTE TO PHYSICIAN:**

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

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### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media**

Carbon dioxide, dry chemical, foam or water mist for small fires.

Use alcohol type or all purpose type foam by manufacturers recommended for large fires.

**Special fire fighting procedure**

Do not spray a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing, and may intensify the fire. Use self-contained breathing apparatus when fighting fire in an enclosed area.

**Hazardous decomposition products**

CO, CO<sub>2</sub> (Combustion)

**Special protective equipment for firefighters**

Wear self contained breathing apparatus and protective suit.

**Further information**

**Unusual fire & explosion hazard**

None

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### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precaution</b>	N/Ap
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<b>Environmental precautions</b>	N/Ap
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<b>Steps to be taken if material is released or spilled</b>	N/Ap
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### 7. HANDLING AND STORAGE

<b>Technical measures/Precautions</b>	N/Ap
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<b>Safe handling advice</b>	N/Ap
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**Storage**

Keep containers closed in a cool, well ventilated place.

<b>Technical measures/Storage conditions</b>	N/Ap
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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Effects of Single over exposure

##### Swallowing:

No evidence of adverse effects from available information.

**Medical conditions aggravated by overexposure** N/Ap

#### Significant laboratory data with possible relevance to human health hazard evaluation:

None currently known.

<b>Engineering measures to reduce exposure</b>	N/Ap
<b>Skin absorption</b>	N/Ap
<b>Inhalation</b>	N/Ap
<b>Respiratory protection</b>	non required in normal use.
<b>Ventilation</b>	N/Ap
<b>Skin contact</b>	N/Ap
<b>Hand protection / Protective gloves</b>	N/Ap
<b>Eye protection</b>	N/Ap
<b>Other protective equipment</b>	N/Ap

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### General Information

<b>Form</b>	Solid	<b>Color</b>	Clear to Translucent	<b>Odor</b>	Mild
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#### Important Health Safety and Environmental Information

<b>pH</b>	N/Av
<b>Boiling point/range</b>	N/Av
<b>Flash point</b>	N/Av
<b>Explosion limits</b>	N/Av
<b>Vapour pressure</b>	N/Av
<b>Vapor density</b>	Solid (AIR=1)
<b>Relative density</b>	N/Av
<b>Solubility</b>	Insoluble
<b>Other information</b>	
<b>Melting point/range</b>	350°F - 420°F (177°C - 216°C)
<b>Specific Gravity</b>	0.85 – 0.89
<b>Evaporation</b>	Solid
<b>Reactivity in water</b>	None known
<b>Flammability limits in air by volume:</b>	Lower: N/Av Upper: N/Av
<b>Anti-ignition temperature</b>	Unknown

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### 10. STABILITY AND REACTIVITY

**Stability**

Stable

**Conditions to avoid**

N/Ap

**Incompatible Materials to avoid**

None currently known

**Hazardous Combustion or decomposition products**

CO, CO<sub>2</sub> (Combustion)

Some fumes may be released upon heating above 150°C

**Hazardous Polymerization**

Will not occur

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### 11. TOXICOLOGICAL INFORMATION

#### Swallowing

**Acute effects**

Ingestion will not produce toxic effects. Product may act as an intestinal lubricant and result in diarrhea and frequent loose stools. If vomiting occurs, aspiration may cause delayed pulmonary edema and chemical pneumonia.

**Acute Toxicity**

**Test Results:**

LD50 – Rat

Result: >5,000 mg/kg

Remark: Test results are based on analogy with a similar material.

#### Inhalation

**Acute effects**

Harmful effects are not expected from static vapor at ambient temperature.  
Inhalation of mist or spray may be harmful.

**Chronic effects**

Aspiration may cause pulmonary edema or aspiration pneumonia.

Oil deposits in the lung may lead to fibrosis and reduced pulmonary function.

Prolonged or repeated inhalation of excessive amounts of oil mists or vapors may cause irritation of the respiratory tract.



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### Skin Contact

#### Acute effects

No evidence of harmful effects from available information.

#### Test Results:

Species: Guinea pigs.

Result: Non irritating.

### Eye Contact

#### Acute effects

No evidence of harmful effects from available information.

#### Test Results:

Species: Rabbit

Result: No irritation

### Sensitization

#### Test Results:

Species: Guinea pigs

Result: Non-sensitizing.

### Carcinogenicity

#### Assessment

No evidence of carcinogenic activity.

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## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Insoluble
<b>Persistence / degradability</b>	No data available
<b>Bioaccumulation</b>	No data available
<b>Ecotoxicity</b>	No data available

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## 13. DISPOSAL CONSIDERATIONS

#### Waste from residues / unused products

Dispose of in accordance with local, State and Federal Regulations.



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### 14. TRANSPORT INFORMATION

Transportation in accordance with local, State and Federal Regulations.

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### 15. REGULATORY INFORMATION

Superfund Amendments and reauthorization Act of 1986 (SARA). Title III requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all MSDS that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are:

\*\*\*\*NONE\*\*\*\*

#### **TSCA Inventory Status**

The ingredients of this product are on the TSCA inventory

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC

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### 16. OTHER INFORMATION

**Revision date** 5/3/2017

#### **Recommended Use**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. Since the use of this information and of these opinions and the conditions of the use of the product are not within the control of ALPS South, LLC, and are only provided as guidance and not a warranty, or quality specification, it is the user's obligation to determine the conditions of safe use of the product.

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