



SAFETY DATA SHEET

Product name EasyGel/GripGel Liner(s), Sleeve(s)

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

Identification of the substance/preparation
Product name Alps Gel
Product code EasyGel/GripGel Liner(s) & Sleeve(s)
AKDT/AKFR, BGS, ELDT/ELFR, ELFC, ELPX,
ENCP, EZF, FSL, GLAK/GLBK, GPDT/GPFR, GSF,
PSI, SFB, SFK, SFP, SFR, SFS, SLE, SP, VIVA,
VSDT/VSFR,

Use of the Substance/Preparation Prosthetic Devices
Supplier ALPS South, LLC
2895 42nd Avenue North
St. Petersburg, Florida 33714
USA

Emergency telephone number 1 (727) 528-8566 (USA)
Emergency telephone number 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 EasyGel, GripGel
Formula Proprietary Elastomer

Components	EC-No.	CAS-NO.	Weight%	TLV(Units)
- Hydrogenated styrene isoprene butadiene block copolymer	N/Av	132778-07-5	>99%	N/Av
- Antioxidant	N/Av	N/Av	>1%	N/Av
- Anti-Blocking agent	N/Av	N/Av	>2%	N/Av
- Mineral Oil	232-455-8	8042-47-5	100%	N/Av
- Irganox 1010	N/Av	N/Av	N/Av	N/Av
- Polyethylene	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.

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, CO₂ (Combustion)

Special protective equipment for firefighters

Wear self contained breathing apparatus and protective suit.

Further information

Unusual fire & explosion hazard

None

6. ACCIDENTAL RELEASE MEASURES

Personal precaution N/Ap

Environmental precautions N/Ap

Steps to be taken if material is released or spilled N/Ap

7. HANDLING AND STORAGE

Technical measures/Precautions N/Ap

Safe handling advice N/Ap

Storage

Keep containers closed in a cool, well ventilated place.

Technical measures/Storage conditions 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.

Engineering measures to reduce exposure N/Ap

Skin absorption N/Ap

Inhalation N/Ap

Respiratory protection non required in normal use.

Ventilation N/Ap

Skin contact N/Ap

Hand protection / Protective gloves N/Ap

Eye protection N/Ap

Other protective equipment N/Ap

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information

Form Solid Color Clear to Translucent Odor Mild

Important Health Safety and Environmental Information

pH N/Av
Boiling point/range N/Av
Flash point N/Av
Explosion limits N/Av
Vapour pressure N/Av
Vapor density Solid (AIR=1)
Relative density N/Av
Solubility Insoluble
Other information
Melting point/range 350°F - 420°F (177°C - 216°C)
Specific Gravity 0.85 – 0.89
Evaporation Solid
Reactivity in water None known
Flammability limits in air by volume: Lower: N/Av Upper: N/Av
Anti-ignition temperature 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, CO₂ (Combustion)

Some fumes may be released upon heating above 150°C

Hazardous Polymerization

Will not occur

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.

12. ECOLOGICAL INFORMATION

Mobility	Insoluble
Persistence / degradability	No data available
Bioaccumulation	No data available
Ecotoxicity	No data available

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.

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

16. OTHER INFORMATION

Revision date 12/12/2016

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.
