



25, Soryong-Dong, Kunsan-City
chonlabuk-Do, Korea
Tel) 82-063-469-1500
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MSDS
(Material Safety Data Sheet)

Issue Data	2000/1/15
Revised Data	2008/5/10

EPS

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Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name : Expandable Polystyrene
Trade name : ANYPOL (SE-Grade)
Chemical product name : Polystyrene
Product identification number(s) : Grades 1600, 2000, 2500, 3000
CAS No : 9003-53-6

Section 2. COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS No.	%
Polystyrene	9003-53-6	>92
Pentane	109-66-0	<7
Hexabromocyclododecane	3194-55-6	<1

Section 3. HAZARD IDENTIFICATION

Physical /chemical hazards : Not classified as dangerous substance
Inhalation : May cause dizziness, coughing
Ingestion : Not applicable
Skin contact : May cause irritation
Eye contact : May cause irritation

Section 4. FIRST AID MEASURES

Eyes : Flush eyes with plenty of water for at least 20 minutes
Skin : Flush skin with plenty of soap and water while removing contaminated
Inhalation : Remove from exposure immediately
Take artificial respiration if needed
Ingestion : Get medical attention
Note to physical : Treat symptomatically

Section 5. ACCIDENTAL RELEASE MEASURES

Personal precautions : Not applicable
Environmental precautions : Not applicable
Methods for cleaning up : Not applicable

Section 6. FIRE AND EXPLOSION HAZARD INFORMATION

Flash point (test method) : Not applicable
Autoignition temperature : 500 °C
Extinguishing medium : Water spray, foam, CO₂, dry chemical



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Special firefighting procedures : Firefighting must be equipped with self-contained breathing apparatus and turn-out gear

Unusual fire and explosion hazards : If exposed to fire, high heat will be developed and heavy black smoke will result, During combustion carbon dioxide will be produced

Section 7. HANDLING AND STORAGE

Handling : Avoid heat

Storage : Store in a dry, cool place, away from excessive heat

Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eyes : Safety glasses

Skin : None under normal conditions

Hand : Cotton gloves

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Solid (granular bead)

Color : White

Odor : Slight odor

Boiling point : Not available

Melting point : Not available

Vapor pressure : Not applicable

Solubility in water : Negligible

Specific gravity : 1.03 ~ 1.04

Bulk density : 0.63 ~ 0.65 g/cc

PH : Not available

Section 10. STABILITY AND REACTIVITY

Stability : Stability under normal condition of storage and use

Hazardous decomposition products : CO, CO₂, Br₂

Hazardous polymerization : Will not occur

Incompatibilities : Combustible materials, oxidizing materials

Section 11. TOXICOLOGICAL INFORMATION


LD50 : Not available

LC50 : Not available

Eye irritation : Not available

Skin irritation : Not available

Chronic toxicity : Not available

 SH Energy & Chemical Co., Ltd. 25, Soryong-Dong, Kunsan-City chonlabuk-Do, Korea Tel) 82-063-469-1500 fax) 82-063-469-1549	MSDS (Material Safety Data Sheet)	Issue Data	2000/1/15
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Section 12. ECOLOGICAL INFORMATION

Not available

Section 13. DISPOSAL CONSIDERATION

Recycle, incinerate, or landfill per local and state regulations.

Section 14. TRANSPORT INFORMATION

This product is not regulated as a hazardous material for transport.

Section 15. REGULATORY INFORMATION

Not available

Section 16. OTHERS

The information contained herein is based on data considered accurate. However, no warrant is expressed or implied regarding the accuracy of data or the results to be obtained from the use thereof.