



### TRANSPORTATION EMERGENCY

CALL CHEMTREC: 800-424-9300

INTERNATIONAL: 703-527-3887

### NON-TRANSPORTATION

StarRfoam EMERGENCY PHONE: (817) 654-4688

StarRfoam INFORMATION PHONE: (817) 654-4688

Corporate Location:

3220 Avenue F

Arlington, TX, 76011

### 1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: Star-R-Foam

PRODUCT CODE.....: STARR001

CHEMICAL FAMILY.....: Polymer

CHEMICAL NAME.....: Poly Styrene

SYNONYMS.....: EPS, Expanded Poly Styrene Foam

### 2. HAZARDS IDENTIFICATION:

POTENTIAL HEALTH EFFECTS:

### PLANT LOCATIONS

#### ARLINGTON

3220 EAST AVENUE F  
ARLINGTON, TX 76011

**800-722-6218**

#### ANTHONY

1004 OMAR ROAD  
ANTHONY, TX 79821

**915-886-4636**

#### KINGMAN

4445 OLYMPIC WAY  
KINGMAN, AZ 86401

**928-681-2800**

#### PHOENIX

2465 S 19TH AVE. BLDG F  
PHOENIX, AZ 85009

**602-253-4770**



ROUTE(S) OF ENTRY.....: Inhalation; Skin Contact; Eye Contact; Ingestion.

### HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE INHALATION.....: May cause respiratory tract irritation.

CHRONIC INHALATION.....: Not Determined.

ACUTE SKIN CONTACT.....: Substance, may cause slight skin irritation.

CHRONIC SKIN CONTACT.....: Not Determined.

ACUTE EYE CONTACT.....: May cause slight irritation.

CHRONIC EYE CONTACT.....: Not Determined.

ACUTE INGESTION.....: Not Determined.

CHRONIC INGESTION.....: Not Determined.

CARCINOGENICITY.....: This product is not listed by NTP, IARC or regulated as Carcinogen by OSHA.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None Known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS:

Ingredient Name	CAS Number	TLV-P Exposure limit`	BY WEIGHT
Polystyrene	9003536	N.E.	+99%

### 4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: Flush eye with water for 15 minutes. Get medical attention.

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**FIRST AID FOR SKIN.....:** Remove contaminated clothing and shoes. Wash affected area(s) thoroughly with soap and water. If irritation persists, seek medical attention.

**FIRST AID FOR INHALATION...:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**FIRST AID FOR INGESTION.....:** If swallowed, DO NOT induce vomiting. Give victim one glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Should vomiting occur, be sure to keep victims head below hips to avoid aspiration of vomit into lungs.

**NOTE TO PHYSICIAN:**

**EYES:** None.

**SKIN:** None.

**INGESTION:** None.

**INHALATION:** None.

**5. FIRE FIGHTING MEASURES:**

**FLASH POINT:** .....: 610oF Setaflash (ASTMD-1929)

**FLAMMABLE LIMITS.....:**

**UPPER EXPLOSIVE LIMIT (UEL)(%):** Not established.

**LOWER EXPLOSIVE LIMIT (LEL)(%):** Not established.

**AUTO-IGNITION TEMPERATURE.....:** 850oF min

**EXTINGUISHING MEDIA.....:** Dry Chemical; Carbon Dioxide; Foam; Water spray for large fires.

**SPECIAL FIRE FIGHTING PROCEDURE...:** None

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### 6. ACCIDENTAL RELEASE MEASURES:

**SPILL OR LEAK PROCEDURES.:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Repeat sorbet/sweep cycle until the spill has dried up. Avoid run off to storm sewers or ditches which lead to waterways.

### 7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN/MAX).....: 40 oF / 100oF.  
SHELF LIFE.....: > 5 years  
SPECIAL SENSITIVITY.....: Not Determined.  
HANDLING/STORAGE PRECAUTIONS.....: None.

### 8. PERSONAL PROTECTION:

REQUIRED WORK/HYGIENE PROCEDURES..: None Established.  
EYE PROTECTION REQUIREMENTS.....: OSHA 87.1Z safety glasses should be worn.  
SKIN PROTECTION REQUIREMENTS.....: Latex gloves.  
VENTILATION REQUIREMENTS.....: Allow for adequate natural ventilation.  
RESPIRATOR REQUIREMENTS.....: An OSHA dust and particulate mask should be worn during processing.  
ADDITIONAL PROTECTIVE MEASURES.....: None.

### 9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Rigid, cellular foam blocks  
COLOR.....: White.

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ODOR.....: Negligible-Nearly Odorless.

ODOR THRESHOLD.....: Not established.

MOLECULAR WEIGHT.....: Not Determined.

pH .....: NA

BOILING POINT.....: NA

MELTING/FREEZING POINT.....: NA

SOLUBILITY IN WATER .....: Insoluble SPECIFIC

GRAVITY .....: 0.016 g.cm<sup>3</sup> BULK

DENSITY.....: 0.6 pcf - 3.0 pcf

VAPOR PRESSURE .....: NA

VAPORDENSITY.....: NA

VOC BY WEIGHT .....: <1.8%

### 10. STABILITY AND REACTIVITY:

STABILITY.....: Very stable, no known reactions under normal conditions and environments.

HAZARDOUS POLYMERIZATION...: Will Not Occur.

INCOMPATIBILITIES.....: Water, amines, strong bases, alcohols, metal compounds and surface active materials.

INSTABILITY CONDITIONS.....: Not Determined.

DECOMPOSITION PRODUCTS.....: H<sub>2</sub>O, CO, CO<sub>2</sub>, NO<sub>3</sub>.

### 11. TOXICOLOGICAL INFORMATION:

ACUTE TOXICITY ORAL LD<sub>50</sub>.....:Not Determined.

DERMAL LD<sub>50</sub>.....: Not Determined.

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INHALATION LC50.....: Not Determined.  
EYE EFFECTS.....: Not Determined.  
SKIN EFFECTS.....: Not Determined.  
SENSITIZATION.....: Not Determined.  
OTHER ACUTE EFFECTS.....: Not Determined.  
OTHER TOXICITY DATA.....: Not Determined.

### 12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE.

### 13. DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL METHOD.....: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

### 14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Polystyrene  
FREIGHT CLASS BULK.....: Not Regulated  
FREIGHT CLASS PACKAGE.....: None. PRODUCT LABEL.....: None.  
DOT (DOMESTIC SURFACE)  
PROPER SHIPPING NAME.....: Polystyrene Foam  
HAZARD CLASS OR DIVISION .....: Not Regulated.  
UN/NA NUMBER. ....: None. PACKING GROUP .....: None.  
DOT PRODUCT RQ lbs (kgs) .....: None. HAZARD LABEL(s) .....: None. HAZARD PLACARD(s).....: None.

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IMO / IMDG CODE (OCEAN) HAZARD CLASS DIVISION NUMBER.....: Non-Regulated

ICAO / IATA (AIR) HAZARD CLASS DIVISION NUMBER.....:Non-Regulated

### 15. REGULATORY INFORMATION:

OSHA STATUS.....: Not Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

TSCA STATUS.....: This product contains no chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

SARA TITLE III: SECTION 302 EXTREMELY HAZARDOUS

SUBSTANCES..: None

SECTION 311/312 HAZARD CATEGORIES.....: None

SECTION 313 TOXIC CHEMICALS.....: No SARA Section 313 components exist in this product.

RCRA STATUS.....: Not Regulated

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME CAS NUMBER CONCENTRATION STATE CODE.... Not Applicable

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### CALIFORNIA PROPOSITION 65

To the best of our knowledge, this product contains no levels of listed substances, which the state of California has found to cause cancer, birth defects or other reproductive effects.

### MASSACHUSETTS SUBSTANCE LIST (MSL)

Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. To the best of our knowledge, this product contains no substances at a level which could require reporting under the statute.

### 16. OTHER INFORMATION:

**HMIS RATINGS:** Health: 1 Flammability: 0 Reactivity: 0

0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe \*=Chronic

### Health Hazard

Starrfoam Mfg. Inc. method of hazard communication is comprised of Product Labels and Safety Data Sheets. HMIS ratings are provided by Starrfoam Mfg. Inc. as a customer service.

**EASON FOR ISSUE.....:** Updated per OSHA 06/01/2015 memorandum

**ISSUE DATE.....:** 06/01/2015

**SUPERSEDES DATE.....:** 05/13/2013

**SDS NUMBER. ....:** STARR001

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of StarRfoam Mfg. Inc. The data on this sheet relates only to the specific material designated herein. StarRfoam Mfg. Inc. assumes no legal responsibility for use or reliance upon this data. Product Code: STARR001 Approval date: 06/01/2015

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