MATERIAL SAFETY DATA SHEET

**POLYSPAR (ISO SIDE)**

Revision Date: 24 DEC 2014

**1. Product and Company Identification**

**Product Name** Polyspar (B SIDE)

**Internal Code** 4500

**Product Type** Aspartic Esgter

**Product Use** Industrial/Commercial applications

**Manufacturer Advanced Surfacing Ind.**, LLC

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**Non-emergency**

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**Emergency Contact** **For Transportation Information:** CHEMTREC US Domestic 800-424-9300

CHEMTREC International 703-527-3887

CANUTEC CA Domestic 613-996-6666

**For Medical Information:** 800-360-2744

**2. Physical and Chemical Properties**

Form: Liquid Odor: Mild Odor

Color: Clear/Pale Clear and colored Odor Threshold: NA

Molecular Weight: Not Est. Solubility in Water % by WT: Insoluble

Boiling Point: Not Est. Specific Gravity (H2O=1): 1.05 @ 20°C

Vapor Pressure (at 20°C, mm Hg): Not Est. Percent Volatile by Volume: <1%

Vapor Density (air=1): Not Est. Evaporation Rate (butyl acetate = 1): Not Est.

Freezing Point: Not Est. Viscosity (cps at 25°F): 950

Bulk Density (lbs/gal): Not Est. Percent Solids by Weight: 99%

Volatile Organic Compounds (VOCs) by Formulation: 0%

**3. Stability and Reactivity**

Stability: Stable under normal conditions.

Incompatibility (Materials to Avoid) Isocyanates, strong oxidizing agents, acids

Hazardous Polymerization: Will not occur.

Decomposition Products: Oxides of Nitrogen, amines.

**4. Hazard Identification**

Material % SARA 313 OSHA ACGIH

Aspartic Ester 42-96 none

Proprietary 0-75 none ppm mg/m3

OSHA PEL-TWA: N/E

OSHA PEL STEL: N/E

OSHA PEL CEILING: N/E

ACGIH TLV-TWA: N/E

ACGIH TLV STEL: N/E

N/E = Not Established ACGIH TLV CEILING: N/E

EMERGENCY OVERVIEW: May cause eye, skin, and respiratory tract irritation. May cause allergic respiratory reaction.

ROUTES OF ENTRY: Inhalation; Skin Contact; Eye Contact

POTENTIAL HEALTH EFFECTS

EYES: Minor eye irritation

SKIN: Slight to moderate skin sensitization

INGESTION: No significant signs or symptoms are expected to occur

INHALATION: May cause upper respiratory irritation

ACUTE HEALTH HAZARDS: No significant signs or symptoms are expected to occur

CHRONIC HEALTH HAZARDS: No significant signs or symptoms are expected to occur

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No significant signs or symptoms are expected to occur. May aggravate existing dermatitis

CARCINOGENICITY:

OSHA: ACGIH: NTP: IARC:

OTHER: None

HMIS HAZARD CLASSIFICATION 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, \*=Chronic Health Hazard

HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 1

**5. First Aid Measures**

Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. If irritation develops, SEEK MEDICAL ATTENTION.

Skin Contact: Remove contaminated clothing immediately. Wash affected areas thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. SEEK MEDICAL ATTENTION if irritation develops or persists.

Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration as needed. If irritation develops, SEEK MEDICAL ATTENTION.

Ingestion: SEEK MEDICAL ATTENTION. DO NOT INDUCE VOMITING. Give 1 to 2 cups of milk or water to drink. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. Should vomiting occur keep patient’s head lower than hip level to prevent aspiration.

**NOTE TO PHYSICIAN**

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Do not induce vomiting. Treat symptomatically. Administer two glasses of water for dilution.

**6. Fire-Fighting Measures**

Flash Point (test method): >200°F (.93°C) (Test Method: Closed Cup)

Flammable Limits: None established.

Auto-Ignition Temperature: None established.

Extinguishing Media: Water Spray, Dry Chemical, Foam, and CO2.

Special Fire Fighting Procedures: Notify authorities immediately if liquid enters sewer/public waters. Heat may build enough pressure to rupture closed containers.

Unusual Fire and Explosion Hazards: Heat from fire can generate flammable vapor

Hazardous Decomposition Products: Oxides of nitrogen, amines

**7. Accidental Release Measures**

Steps to be taken if material Soak up spills with inert solids. Restrict water use for cleanup.

is released or spilled: Discard any product, residue, disposable container, or liner in full compliance with federal, state, and local regulations.

**8. HANDLING AND STORAGE**

HANDLING AND STORAGE: 32°F-104° F

OTHER PRECAUTIONS: Material is hygroscopic. Prevent exposure to moisture

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not Regulated

WATER TRANSPORTATION: lMO / IMDG

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not Regulated

AIR TRANSPORTATION: ICAO / IATA

PROPER SHIPPING NAME: Aspartic Ester

HAZARD CLASS: Not regulated

**9. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION**

VENTILATION: General mechanical ventilation is satisfactory for normal handling

RESPIRATORY PROTECTION: None required for normal use

EYE PROTECTION: Safety goggles or splash shield recommended

SKIN PROTECTION: Natural rubber/latex gloves recommended for normal use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Emergency Eye wash fountains should be available in immediate vicinity

**10. TOXICOLOGY INFORMATION**

None Established

**11. ECOLOGICAL INFORMATION**

No information available

**12. DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHOD: Not considered hazardous waste. Landfill solids at permitted sites

RCRA HAZARD CLASS: Non-hazardous.

**13. REGULATORY INFORMATION**

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

On Inventory

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

Reportable quantity - None

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

Immediate Health Hazard

313 REPORTABLE INGREDIENTS:

None

**California Regulations WARNING:** Contains no chemicals known to the State of California to cause cancer.

**Canada**

**WHMIS (Canada)** Class D-2B: Material causing other toxic effects.

**Canadian Lists Canadian NPRI:** None required

**Trade Secret** Component has been granted an exemption in Canada under HMIRC #7080, decision dated May 30, 2008.

**International Regulations** All components are listed or exempted in the chemical inventories of the following countries:

Australia (AICS), Canada, China (IECSC), Japan, Korea, New Zealand (NZIoC),

Philippines Inventory (PICCS): Not determined.

United States: TOSCA 8b

**14. OTHER INFORMATION**

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**Prepared By Advanced Surfacing Ind.**, LLC, Dallas, TX. Charles Newcomb, Regulatory Consultant

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