



Material Safety Data Sheet

GatorHyde GelSpar Component B

MANUFACTURER
Elastomer Specialties, Inc.
2210 South Highway 69
Wagoner, OK 74467
918-485-2835

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1 - PRODUCT IDENTITY

Product Code: 2012
Product Name: GelSpar **Component B**
Chemical Family: Aspartic Ester
Chemical Name: Aminofunctional Reactive Thinner

2 - Composition/Information on Ingredients - HAZARDOUS INGREDIENTS

INGREDIENT NAME/CAS #	EXPOSURE LIMITS	CONCENTRATION (%)
Aspartic Ester	OSHA: Not Established ACGIH: Not Established	100%

3 - Hazards Identification

Emergency Overview: Caution!

Color: Amber;

Form: Liquid;

Odor: Slight; May cause eye, skin, and respiratory tract irritation;
May cause allergic skin reaction;

Skin sensitizer: Irritation gases/fumes are given off during burning or thermal decomposition.

POTENTIAL HEALTH EFFECTS:

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

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

Acute Effects of Exposure: It is expected that this product under normal handling conditions, at room temperature, using good industrial hygiene practices should not pose an inhalation exposure problem. However, if this product is processed, heated, or spray/misted, it may cause some slight upper respiratory tract irritation. Based on animal testing (Section 11) a similar material did not cause eye irritation. However, the similar product tested did cause light to moderate skin irritation. According to the skin sensitization test done on similar material this type of product shows a significant skin sensitizing potential. Based on individual component information for the impurities/residuals in this product, during processing vapors/fumes/gases from these residuals may cause some coughing, sore throat, mild skin and eye irritation.

Chronic Effects of Exposure: None reported for this product as a whole. Effects are expected to be similar to those listed for acute human health effects.

Carcinogenicity: NTP: Not listed
IARC: Not listed
OSHA: Not regulated as a carcinogen

Medical Conditions:

Aggravated by exposure: None reported for this product. However, based on information for similar products it is reasonable to assume that this product may aggravate an existing dermatitis or other allergic reactions.

4 - First Aid Measures

FIRST AID FOR EYES: Immediately flush eyes with clean, lukewarm water (low pressure) for at least 15 minutes. Use fingers to insure that eyelids are separated and that the eye is being irrigated. Get medical attention if irritation develops.

FIRST AID FOR SKIN: Remove all contaminated clothing, shoes, jewelry, etc. immediately. Wash affected areas, including hair, beneath nails, clothing, jewelry and other concealed areas with soap and water. Get medical attention if irritation develops.

FIRST AID FOR INHALATION: Remove patient (s) to fresh air if breathing becomes difficult. If breathing has stopped administer artificial respiration. Administer oxygen if breathing is still difficult (to be done by qualified medical personnel). Consult a physician immediately.

FIRST AID FOR INGESTION: Consult a physician immediately. Give large quantities of water for dilution. **DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Should vomiting occur keep patient's head lower than hip level to prevent aspiration.

NOTE TO PHYSICIAN: Treat any ill effects symptomatically.

5 - Fire Fighting Measures

FLASH POINT: >200°F (93°C)

EXTINGUISHING MEDIA: Water; Carbon Dioxide; Dry Chemical; Foam:

SPECIAL FIRE FIGHTING PROCEDURES: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. Use cold water spray to cool fire-exposed containers. During a fire, irritating and/or toxic gases and smoke may be present from decomposition/combustion. Ammonia may be released when heated in air.

6 - Accidental Release Measures

SPILL OR LEAK PROCEDURES: Evacuate non-essential personnel and remove all sources of ignition. Ventilate the area. Equip clean-up crew with appropriate protective equipment (See Employee Protection Recommendations). Dike or impound spilled material and control further spillage if feasible. Notify appropriate authorities if necessary. Cover spill with sawdust, vermiculite, Fuller's earth or other absorbent material; collect material in open containers. Remove containers to safe place and cover.

7 - Handling and Storage

STORAGE TEMPERATURE (MIN/MAX): 32°F (0°C) / 122°F (50°C)

SHELF LIFE: 6 months at ambient temperature

SPECIAL SENSITIVITY: Material is hygroscopic and may absorb small amounts of atmospheric moisture.

HANDLING/STORAGE PRECAUTIONS: Keep container dry and tightly closed in a cool and well ventilated area. Container should be tightly closed to prevent contamination with foreign materials and moisture. Take precautions against the buildup of electrostatic charges. Keep away from heat, sparks, and open flame. Avoid getting material on skin and cloths, or in the eyes. Do not breathe vapors/mists if generated.

8 - Personal Protection

EYE PROTECTION REQUIREMENTS: Liquid chemical goggles or full-face shield. Contact lenses should not be worn by themselves but used with liquid chemical goggles or full-face shield for complete eye protection.

SKIN PROTECTION REQUIREMENTS: Permeation resistant gloves (butyl rubber, nitrile rubber) recommended. Cover as much of the exposed skin area as possible with appropriate clothing.

VENTILATION REQUIREMENTS: Ventilation as needed to control airborne concentrations below level of irritation to eyes, nose and throat.

RESPIRATOR REQUIREMENTS: For non-spray, room temperature operations, an air-purifying respirator equipped with organic vapor cartridge should be used if vapors are detected or are irritating. When spraying or thermally processing, use an organic vapor air-purifying respirator equipped with particulate pre-filters. Take into account other materials being used concurrently. Observe OSHA regulations for respirator use (29 CFR 1910.134).

ADDITIONAL PROTECTIVE MEASURES: Safety showers and eyewash stations should be easily accessible to the work area.

9 - Physical and Chemical Properties

PHYSICAL FORM	Liquid	BULK DENSITY	9 lbs/gal
COLOR	Amber	SPECIFIC GRAVITY	1.13 g/cm ³
ODOR	Slight	BOILING POINT	Not established
MELTING/FREEZING POINT	Not estab.		
SOLUBILITY IN WATER	Resin: Insoluble		
VAPOR PRESSURE	1.4 x 10 ⁻⁵ mm Hg @ 68°F (20°C)		
% VOLATILE BY WEIGHT	Negligible		

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10 - Stability and Reactivity

STABILITY	This is a stable material
HAZARDOUS POLYMERIZATION	Will not occur.
INCOMPATIBILITIES	Oxidizing materials
INSTABILITY CONDITIONS	High heat
DECOMPOSITION PRODUCTS	By fire: CO, CO ₂ , oxides of nitrogen, amines, and other aliphatic fragments which have not been determined.

11 - Toxicological Information

TOXICITY DATA FOR: A similar product

ACUTE TOXICITY

Oral LD50:	> 2,000 mg/Kg (Rat)
Eye Effects:	Non-irritant (Rabbit)
Skin Effects:	Slight to moderate irritate (rabbit)
Sensitization:	Sensitization test according to Magnusson/Kligmann (maximizing test): The results of test in guinea pigs showed a significant skin sensitizing potential.
Mutagenicity:	Ames test: No indication of mutagenic effects.

12 - Ecological Information

FISH TOXICITY:	LC50 = 66mg/1 (Brachydanio rerio (Zebra Barbel). Duration of test: 96 hours.
INVERTEBRATE TOXICITY:	EC50 = 88.60 mg/1 (Daphnia magn). Duration of test: 48 hours.
BIOLOGICAL ELIMINATION:	Biodegradability: 13% - not readily degradable. Degradation rate is 28 days.
INHIBITION BACTERIA:	EC50 = 3110 mg/1
PLANT TOXICITY:	EC50 = 113 mg/1 (Green algae (Scenedesmus subspicatus)). Duration of test: 72 hours.

Information based on a similar product. On the basis of the ecotoxicological data, this product and the similar product are classified as harmful to aquatic organisms.

13 - Disposal Considerations

WASTE DISPOSAL METHOD:	Waste material must be disposed of in accordance with federal, state, and local environmental control regulations.
EMPTY CONTAINER PRECAUTIONS:	Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

14 - Transportation Information

TECHNICAL SHIPPING NAME:	Aspartic Ester	
FREIGHT CLASS BULK:	Chemicals, NOI	
FREIGHT CLASS PACKAGE:	Chemicals, NOI, (NMFC 60000)	
PRODUCT LABEL:	Product Label Established	
DOT (Domestic Surface):	HAZARD CLASS OR DIVISION	Non-regulated
IMO / IMDG code (Ocean):	HAZARD CLASS DIVISION NUMBER	Non-Regulated
ICAO / IATA (Air):	HAZARD CLASS DIVISION NUMBER	Non-Regulated

15 - Regulatory Information

OSHA STATUS:	This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA STATUS:	On TSCA Inventory
CERCLA REPORTABLE QUANTITY:	None reported.
SARA TITLE III:	

SECTION 302:	EXTREMELY HAZARDOUS SUBSTANCES:	None
SECTION 311/312:	HAZARD CATEGORIES:	Immediate Health Hazard;
SECTION 313:	TOXIC CHEMICALS	None

RCRA STATUS If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20.24)

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

<u>COMPONENT NAME</u> <u>/CAS NUMBER</u>	<u>CONCENTRATION</u>	<u>STATE CODE</u>
Aspartic Ester NJTSRN (31765300002) - 7031P	100%	PA3, NJ4
Monoaspartate (Residual) (CAS# Unavailable)	1 - 8 %	PA3, NJ4
Aliphatic Carboxylic Ester (Residual) 623-91-6	1 - 5 %	PA3, NJ4

NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%

NJTSRN = New Jersey Trade Secret Registry Number

PA3 = Pennsylvania Non-hazardous present at 3% or greater.

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	Flammability	Reactivity		
2	1	0		
0 = Minimal	1 = slight	2 = Moderate	3 = Serious	4 = Severe

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