

**MSDS.465 – SPARTIC-ALL™ RM – Part B**

Revised: 5.22.08

**EMERGENCY ASSISTANCE**

**For Chemical Emergency Spill, Leak, Fire or Exposure call 24 hours a day: CHEMTREC (800) 424-9300. Outside the U.S. call (703) 527-3887 (Collect calls accepted).**

PRODUCT IDENTITY: SPARTIC-ALL™ RM Part B

MSDS DATE: 05/22/2008

**MATERIAL SAFETY DATA SHEET**

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1, using the International Chemical Safety Cards of the Global Harmonizing System.

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

PRODUCT IDENTITY: SA-RM – SPARTIC-ALL™ RM Part B  
COMPANY IDENTITY: Elite Crete Systems, Inc.  
COMPANY ADDRESS: 1061 Transport Drive  
COMPANY CITY: Valparaiso, Indiana 36282  
COMPANY PHONE: 1-219-465-7671  
CHEMTREC PHONE: 1-800-424-9300

**SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS**

CONTAINS: 35-40% CHLOROBENZOTRIFLUORIDES (98-56-6)  
35-45% ASPARTIC ESTER  
10-20% MONOASPARTATE  
0- 2% 2-BUTENEDIOIC ACID (623-91-6)  
0- 1% DIISOBUTYL KETONE (108-93-8)[203-620-1]

Number in parentheses is CAS #, number in brackets is European EC #.

**SECTION 3. HAZARDS IDENTIFICATION**

EXPOSURE PREVENTION:

RISK STATEMENTS:

R36/37/38 Irritating to eyes, respiratory system and skin.  
R10a Combustible (North America). Flammable (elsewhere).

SAFETY STATEMENTS:

S24 Avoid contact with skin.  
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**SECTION 4. FIRST AID MEASURES**

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

**INHALATION:**

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

**SWALLOWING:**

Rinse mouth. Do NOT induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY.  
Do NOT give liquids to an unconscious or convulsing person.

**SECTION 5. FIRE FIGHTING MEASURES**

**FIRE & EXPLOSION PREVENTIVE MEASURES**

NO open flames, NO sparks, & NO smoking. Explosion-proof electrical equipment, lighting.

**EXTINGUISHING MEDIA**

Use dry powder, carbon dioxide.

**SPECIAL FIRE FIGHTING PROCEDURES**

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

**UNUSUAL EXPLOSION AND FIRE PROCEDURES**

**COMBUSTIBLE!**

Keep container tightly closed.  
Isolate from oxidizers, heat, & open flame.  
Closed containers may explode if exposed to extreme heat.  
Applying to hot surfaces requires special precautions.  
Empty container very hazardous! Continue all label precautions!

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTIVE MEASURES:**

Keep unprotected personnel away.  
Ventilate spill area. Remove all ignition sources.  
Filter respirator for organic vapors.

**CONTAINMENT AND CLEAN-UP MEASURES:**

Stop spill at source. Dike and contain. Absorb remaining liquid in sand or inert absorbent.

**SECTION 7. HANDLING AND STORAGE**

**HANDLING**

Isolate from oxidizers, heat, & open flame.  
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.  
Do not get in eyes, on skin or clothing.  
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.  
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.  
Avoid free fall of liquid.  
Ground containers when transferring.  
Do not flame cut, braze, or weld.  
Empty container very hazardous!  
Continue all label precautions!  
Drinking alcohol shortly before, during or after use can cause unwanted effects.

**STORAGE**

Isolate from strong oxidants.  
Contact with hot surfaces can produce toxic gases.  
Keep container tightly closed & upright when not in use to prevent leakage.  
Contact with hot surfaces can produce toxic gases.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### RESPIRATORY EXPOSURE CONTROLS

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

### VENTILATION

LOCAL EXHAUST:	Necessary
MECHANICAL (GENERAL):	Acceptable
SPECIAL:	None
OTHER:	None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

### PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.  
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

### WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.  
Wash at end of each work shift & before eating, smoking or using the toilet.  
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

## SECTION 9. PHYSICAL DATA

APPEARANCE:	Liquid, Water-White		
ODOR:	Ketone		
BOILING RANGE:	148 166 222* C / 300 332 432* F (*=End Point)		
AUTO IGNITION TEMPERATURE:	398 C / 750 F (Lowest Component)		
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	1.0		
FLASH POINT (TEST METHOD):	42 C / 109 F (TCC) (Lowest Component)		
FLAMMABILITY CLASSIFICATION:	Class II		
GRAVITY @ 68/68 F / 20/20 C:	1.090		
SPECIFIC GRAVITY (Water=1):	9.080		
POUNDS/GALLON:	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal		
VOC'S (>0.44 Lbs/Sq In):	37.2 Vol. % / 427.4 g/L / 1.895 Lbs/Gal		
TOTAL VOC'S (TVOC):	0.4 Vol. % / 3.4 g/L / 0.028 Lbs/Gal		
NONEXEMPT VOC'S (CVOC):	0.0 Wt. % / 0.0 g/L / 0.000 Lbs/Gal		
HAZARDOUS AIR POLLUTANTS (HAPS):	1.0		
VAPOR PRESSURE (mm of Hg)@20 C	0.0		
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	5.7		
VAPOR DENSITY (air=1):	Negligible		
WATER ABSORPTION:			

## SECTION 10. STABILITY & REACTIVITY

### STABILITY

Stable under normal conditions.

### CONDITIONS TO AVOID

Isolate from oxidizers, heat, & open flame.

### MATERIALS TO AVOID

Reacts with strong oxidants, causing fire & explosion hazard.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide,  
Hydrogen Chloride, Phosgene from burning.

HAZARDOUS POLYMERIZATION  
 Will not occur.

**SECTION 11. TOXICOLOGICAL INFORMATION**

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Aspartic Ester		None Known	None Known	No
Chlorobenzotrifluorides	98-56-6	None Known	None Known	No
Monoaspartate		None Known	None Known	No
Aliphatic Carboxylic Ester	623-91-6	None Known	None Known	No
Diisobutyl Ketone	108-93-8	50 ppm	25 ppm	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

CEILING	STEL(OSHA/ACGIH)
None Known	None Known

**ACUTE HAZARDS**

**EYE & SKIN CONTACT:**

Primary irritation to skin, defatting, dermatitis.  
 Primary irritation to eyes, redness, tearing, blurred vision.  
 Liquid can cause eye irritation. Wash thoroughly after handling.

**INHALATION:**

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression which can cause death. Vapor harmful. Concentrated vapor in confined areas may be fatal.

**SWALLOWING:**

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.  
 The symptoms of chemical pneumonitis may not show up for a few days.

**SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED**

**CONDITIONS AGGRAVATED**

Persons with severe skin, liver or kidney problems should avoid use.

**CHRONIC HAZARDS**

**CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

**SECTION 12. ECOLOGICAL INFORMATION**

**MAMMALIAN INFORMATION:**

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA	LOWEST KNOWN LD50 (ORAL)
Chlorobenzotrifluorides	98-56-6	13000.0 mg/kg(Rats)	

**AQUATIC ANIMAL INFORMATION:**

No aquatic environmental information is available on this product.

**MOBILITY**

Mobility of this material has not been determined.

**DEGRADABILITY**

This product is partially biodegradable.

**ACCUMULATION**

Bioaccumulation of this product has not been determined.

### SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.  
Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

### SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: BULK: UN1263, Paint Related Material, Combustible liquid, PG-III, Combustible liquid. Not DOT regulated on trucks in containers of < 119 gallons.  
DRUM LABEL: None (Combustible Liquid)  
IATA / ICAO: UN1263, Paint Related Material, 3, PG-III  
IMO / IMDG: UN1263, Paint Related Material, 3,PG-III  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: 128

### SECTION 15. REGULATORY INFORMATION

EPA REGULATION:  
SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list. This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

#### INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries: Australia, Canada, China, Europe (EINECS), Japan, Korea, United Kingdom.

### SECTION 16. OTHER INFORMATION

HAZARD RATINGS:  
HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 2, REACTIVITY: 1  
(Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

#### EMPLOYEE TRAINING

See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

#### NOTICE:

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

Unless updated, this Material Safety Data Sheet is valid until 05/22/2014.