


 Recovery Technologies (Canada) Inc.

 1225 Franklin Blvd. Cambridge, Ontario, N1R 7E5 Canada  
 Phone: (519) 740-6801 Fax: (519) 740-6811

*Cryogenic Rubber*

## MATERIAL SAFETY DATA SHEET

January 22, 2002

### SECTION I - PRODUCT INFORMATION

|                                                            |                                               |
|------------------------------------------------------------|-----------------------------------------------|
| MANUFACTURER'S NAME<br>Recovery Technologies (Canada) Inc. | EMERGENCY TELEPHONE<br>519-740-6801           |
| ADDRESS<br>1225 Franklin Blvd., Cambridge, ON N1R 7E5      | Product Name<br>Reclaprene™ CTR               |
| CHEMICAL NAME AND SYNONYMS<br>Styrene-Butadiene Rubber     | Appearance<br>Black and white granular powder |
| CHEMICAL FAMILY<br>Polymeric                               |                                               |

### SECTION 11 - HAZARDOUS INGREDIENTS

|                                                       | %     | TLV |                   | % | TLV |
|-------------------------------------------------------|-------|-----|-------------------|---|-----|
| Vulcanized Rubber-SBR: (9003-31-0)                    | 45-50 |     | COATINGS          |   |     |
| Carbon Black (01333-86-4)                             | 25-30 | N/A | BASE METAL        |   | N/A |
| Process Oil (64742-04-7)                              | 10-15 | N/A | ALLOYS            |   | N/A |
| Zinc Oxide (01314-13-2)                               | 1-5   | N/A | METALLIC COATINGS |   | N/A |
| Sulfur(07704-34-9)                                    | 1-5   | N/A | FILLER METAL PLUS |   | N/A |
| Stearic Acid (00057-11-4)                             | 1-5   |     |                   |   | N/A |
| ADDITIVES                                             |       |     | OTHERS            |   |     |
| OTHERS                                                |       |     |                   |   |     |
| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES |       |     |                   | % | TLV |
| NONE                                                  |       |     |                   |   |     |

### SECTION 111 - PHYSICAL DATA

|                     |                                   |                             |              |
|---------------------|-----------------------------------|-----------------------------|--------------|
| BOILING POINT (oF)  | N/A                               | SPECIFIC GRAVITY            | 0.95 to 1.40 |
| VAPOR PRESSURE      | N/A                               | PERCENT. VOLATILE BY VOLUME | N/A          |
| VAPOR DENSITY       | N/A                               | EVAPORATION RATE            | N/A          |
| SOLUBILITY IN WATER | very slight                       |                             |              |
| ODOR                | Slight smell of vulcanized rubber |                             |              |

### SECTION 1V - FIRE AND EXPLOSION HAZARD DATA

|                                                                                                       |                                                                                            |
|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| FLASH POINT<br>N/A                                                                                    | FLAMMABLE LIMITS<br>N/A                                                                    |
| EXTINGUISHING MEDIA<br>Water-Protein, foam-dry chemical extinguisher (Do not use high pressure water) |                                                                                            |
| SPECIAL FIRE FIGHTING PROCEDURES                                                                      | Smoke from burning rubber is Hazardous to Health<br>Use self-contained breathing apparatus |
| UNUSUAL FIRE AND EXPLOSION HAZARDS                                                                    | None                                                                                       |

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**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE

N/A

EFFECTS OF OVEREXPOSURE

N/A

EMERGENCY AND FIRST AID PROCEDURES

If contact causes allergic reaction, wash thoroughly.  
If irritation persists, see a physician.

**SECTION VI - REACTIVITY DATA**

STABILITY

STABLE

XX

UNSTABLE

CONDITIONS TO AVOID

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid strong oxidizing agents

HAZARDOUS COMPOSITION PRODUCTS

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

XX

CONDITIONS TO AVOID  
DO NOT HEAT  
ABOVE 400 DEG. F

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep and Return to container

WASTE DISPOSAL METHOD

Follow local, provincial, state, and federal regulations

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (SPECIFY TYPE)

None

VENTILATION

LOCAL EXHAUST

MECHANICAL (GENERAL)

SPECIAL

OTHER

PROTECTIVE GLOVES

Cloth

X

EYE PROTECTION

OTHER PROTECTIVE EQUIPMENT

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store below 96 deg. F.

OTHER PRECAUTIONS

Wash after handling