

Material Safety Data Sheet

1. Product and company identification

Product name : BUNA CB 550 T

Supplier/Manufacturer : LANXESS, Inc.
1265 Vidal Street South
Sarnia, Ontario N7T 7M2
Canada

For information: US/Canada (800) LANXESS

International +1 412 809 1000

In case of emergency : Canutec (613) 996-6666
International (703) 527-3887
Lanxess Emergency (519)337-1907

Material uses : rubber

Material Number : 56736208

2. Hazards identification

Physical state : Solid. [rubber bales]

Odor : Faint odor.

Color : White. Translucent

Emergency overview : CAUTION!

NOT EXPECTED TO PRODUCE SIGNIFICANT ADVERSE HEALTH EFFECTS WHEN THE RECOMMENDED INSTRUCTIONS FOR USE ARE FOLLOWED. MAY CAUSE MECHANICAL IRRITATION (ABRASION). TOXIC AND IRRITATING GASES/FUMES MAY BE GIVEN OFF DURING BURNING OR THERMAL DECOMPOSITION. CONTACT WITH HOT MATERIAL WILL CAUSE THERMAL BURNS. TEMPERATURES ABOVE 392 F (200C), THE PRODUCT DECOMPOSES EXOTHERMICALLY WITH POSSIBILITY OF IGNITION.

Medical conditions aggravated by over-exposure : None known.

Potential acute health effects / Over-exposure signs/symptoms

Inhalation : Inhalation is unlikely due to the low vapor pressure. May cause mechanical irritation (abrasion).

Ingestion : No known significant effects or critical hazards.

Skin : May cause mechanical irritation (abrasion). Contact with hot material will cause thermal burns.

Eyes : May cause mechanical irritation (abrasion).

Potential chronic health effects

Chronic effects : No known significant effects or critical hazards.

Carcinogenicity : No carcinogenic substances as defined by IARC, NTP, OSHA and/or ACGIH.

3. Composition/information on ingredients

The following potentially hazardous ingredient(s) are used to formulate this product. As supplied, the ingredient(s) are bound in a polymer matrix. Because they are bound in the matrix, they are not expected to create any unusual hazards when handled and processed. according to good manufacturing and industrial hygiene practices and the guidelines provided by this MSDS.

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

<u>Name</u>	<u>CAS number</u>	<u>%</u>
No hazardous ingredient		

Other Ingredients:

The following potentially hazardous ingredient(s) are contained at levels below disclosure requirements and are provided for informational purposes only.

The concentrations reported below in units of parts per million (ppm) or parts per billion (ppb) are maximum values.

Hexane CAS# 110-54-3 <70ppm

4. First aid measures

Eye contact	: Check for and remove any contact lenses. In case of contact flush eyes with plenty of luke warm water. Get medical attention if symptoms occur.
Skin contact	: Wash with plenty of soap and water. Get medical attention if symptoms occur. Get medical attention if thermal burns occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	: If inhaled, remove to fresh air. Get medical attention if symptoms occur.
Ingestion	: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Notes to physician	: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. Fire-fighting measures

Extinguishing media

Suitable	: In case of fire, use water spray (fog), foam or dry chemical.
Not suitable	: Carbon dioxide (CO ₂).
Flash point	: Closed cup: >300°C (>572°F) Open cup: >300°C (>572°F) [Cleveland (ASTM D-92)]
Flammable limits	: Not available.
Auto-ignition temperature	: >200°C (>392°F)
Special exposure hazards	: Toxic and irritating gases/fumes may be given off during burning or thermal decomposition.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Special remarks on fire hazards	: The product decomposes exothermically with possibility of ignition.
Conditions of flammability	: This product can burn, but does not meet recognized flammable or combustible flashpoint definitions.
Sensitivity to Mechanical Impact	: Not available.
Sensitivity to Static Discharge	: Not available.

6. Accidental release measures

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training.
- Spill and Leak Procedures.** : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. If molten, allow material to cool and put into an appropriate container for disposal.

7. Handling and storage

- Handling** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.
- Storage temperature:** : Do not store above the following temperature: 40°C

8. Exposure controls/personal protection

Hexane (110-54-3)
U.S. ACGIH Threshold Limit Values
Time Weighted Average (TWA): 50 ppm

OSHA PEL
Time Weighted Average (TWA): 1800 ppm, 500 ppm

Consult local authorities for acceptable exposure limits.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
- Engineering measures** : Engineering controls should be sufficient to ensure airborne levels do not approach or exceed the exposure limit value for residuals. Thermal processing operations should be ventilated to control gases and fumes given off during processing.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal protection

- Respiratory** : Although no exposure limit has been established for this product, the OSHA PEL for Particulates Not Otherwise Regulated (PNOR) of 15 mg/m³ - total dust, 5 mg/m³ - respirable fraction is recommended. In addition, the ACGIH recommends 3 mg/m³ - respirable particles and 10 mg/m³ - inhalable particles for Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS). The following respirator is recommended if airborne concentrations exceed the appropriate standard/guideline. NIOSH approved, air-purifying particulate respirator with N-95 filters.
- Hands** : When handling hot material, wear heat-resistant protective gloves that are able to withstand the temperature of molten product.
- Eyes** : safety glasses with side-shields
- Skin** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

8. Exposure controls/personal protection

9. Physical and chemical properties

Physical state	: Solid. [rubber bales]
Color	: White. Translucent
Odor	: Faint odor.
pH	: Not applicable.
Boiling/condensation point	: Not available.
Melting/freezing point	: Not available.
Specific gravity	: 0.91
Density	: 0.91 g/cm ³
Bulk density	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Volatility	: Not available.
Odor threshold	: Not available.
Evaporation rate	: Not available.
Viscosity	: Dynamic: Not applicable.
Solubility	: Insoluble in the following materials: cold water.
Solubility in organic solvents	: soluble in aromatic hydrocarbons aliphatic hydrocarbons

10. Stability and reactivity

Chemical stability	: The product is stable.
Conditions to avoid	: Not available.
Materials to avoid	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Possibility of hazardous reactions	: Exposure to high temperatures causes exothermic reaction or decomposition.

11. Toxicological information

No information available.

12. Ecological information

Octanol/water partition coefficient	: Not available.
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13. Disposal considerations

- Waste disposal** : Waste disposal should be in accordance with existing federal, state, provincial and/or local environmental controls. The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.
- Empty Container Precautions.** : Recondition or dispose of empty container in accordance with governmental regulations.

14. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
TDG Classification	-	-	-	-		Not regulated.
IMDG Class	-	-	-	-		Not regulated.
IATA-DGR Class	-	-	-	-		Not regulated.

PG* : Packing group

15. Regulatory information

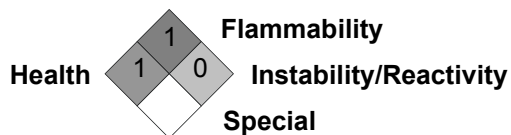
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

- WHMIS Classification:** : Not controlled under WHMIS (Canada).
- Ingredient Disclosure List (IDL):** : None of the components are listed.
- CEPA Status** : All components of this product are on the Canadian DSL list.
- U.S. Toxic Substances Control Act** : Listed on the TSCA Inventory.

Hazardous Material Information System	:	Health	0
		Flammability	1
		Physical hazards	0

0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme *=Chronic

National Fire Protection Association (U.S.A.) :



0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

LANXESS' method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS and NFPA ratings are provided by LANXESS as a customer service.

16. Other information

Contact person : Product Safety and Regulatory Affairs

Date of issue : 04-29-2010

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Version : 2

☑ Indicates information that has changed from previously issued version.

Notice to reader

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