



# MATERIAL SAFETY DATA SHEET

FOR INDUSTRIAL USE ONLY

DESCRIPTION: Cascomelt IB 96I

## 1. Chemical Product and Company Identification

DESCRIPTION: **Cascomelt IB 96I**  
PRODUCT CODE: 346072  
PRODUCT TYPE: Hot Melt Adhesive  
APPLICATION: Adhesive

### Manufacturer/Supplier Information

MSDS prepared by:  
Hexion Specialty Chemicals, Inc.  
155 West A Street, Bldg. A-1  
Springfield, OR  
97477

**For Emergency Medical Assistance**  
Call Health & Safety Information Services  
1-866-303-6949

For additional health and safety or regulatory information, call (541)744-3256.

## 2. Composition, Information on Ingredients

The ingredients listed below have been associated with one or more immediate and/or delayed(\*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING, HANDLING, OR EXPOSURE TO THESE INGREDIENTS, READ AND UNDERSTAND THE MSDS.

	% by weight
471-34-1 *Calcium Carbonate (CaCO <sub>3</sub> )	30.0 - 50.0

*Any applicable Canadian trade secret numbers will be listed in Section 15.2.*

## 3. Hazards Identification

### 3.1 Emergency Overview

Appearance	White solid
Odor	Characteristic

#### CAUTION!

Will burn.

May cause irritation of nose, throat and lungs if allowed to become airborne.

May cause eye irritation.

### HMIS Rating

HEALTH	=	1 (slight)
FLAMMABILITY	=	1 (slight)
REACTIVITY	=	0 (minimal)

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## 3.2 Potential Health Effects

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### Immediate Hazards

INGESTION:	Not expected to be harmful under normal conditions of use.
INHALATION:	Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
SKIN:	No hazards known to company.
EYES:	May cause irritation on prolonged or repeated contact.

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### Delayed Hazards

#### 471-34-1 Calcium Carbonate (CaCO<sub>3</sub>)

Can cause lung damage. Pre-existing respiratory disorders may be aggravated by exposure.  
-- See Footnote

Footnote: As of the date of issuance of this document, this material has not been listed by NTP, classified by IARC nor regulated by OSHA as a carcinogen.

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## 4. First Aid Measures

INGESTION:	If accidentally swallowed, dilute by drinking large quantities of water. If the individual is drowsy or unconscious, do not give anything by mouth. Immediately contact poison control center or hospital emergency room for advice on whether to induce vomiting or for any other additional treatment directions.
INHALATION:	Remove to fresh air.
EYES:	Immediately flush eyes with plenty of water. Call a physician if irritation persists.

In the event of body contact with molten material, immediately cool with running water; do not attempt to remove material from skin. Consult a physician.

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## 5. Fire Fighting Measures

Flash point	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Autoignition temperature	Not available

Will burn.

In case of fire, use water spray, dry chemical, "alcohol" foam or CO<sub>2</sub>. Use water to keep fire-exposed containers cool.

Wear full emergency protective equipment including NIOSH approved pressure demand self-contained breathing apparatus.

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## 6. Accidental Release Measures

For molten material: Allow to cool and solidify. Scrape from surface. For solid material: Sweep up. Remove to a chemical disposal area. Prevent entry into natural bodies of water. For molten material: Allow to cool and solidify. Scrape from surface. For solid material: Sweep up. Remove to a chemical disposal area. Prevent entry into natural bodies of water.

## 7. Handling and Storage

### 7.1 Handling

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing. Wash thoroughly after handling. Always use appropriate Personal Protective Equipment (PPE).

**INHALATION:** Avoid prolonged or repeated breathing of dust or vapor.

**EYES:** Avoid prolonged or repeated contact with eyes.

### 7.2 Storage

Store in cool, dry place to avoid blocking.

## 8. Exposure Controls/Personal Protection

### 8.1 Exposure Controls

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

### 8.2 Personal Protection

Where air contaminants can exceed acceptable criteria, use NIOSH (42 CFR Part 84) approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA laws and regulations or other applicable standards or guidelines, including ANSI standards regarding respiratory protection.

### 8.3 Exposure Guidelines

#### 471-34-1 Calcium Carbonate (CaCO<sub>3</sub>)

ACGIH TLV	8-hr TWA	10 mg/m <sup>3</sup>	inhalable particulate
OSHA PEL	8-hr TWA	5 mg/m <sup>3</sup>	respirable fraction
	8-hr TWA	15 mg/m <sup>3</sup>	total dust

## 9. Physical and Chemical Properties

Appearance	White solid
Odor	Characteristic
Odor threshold	Not available
Specific gravity	Approx. 1.38
pH	Not applicable
Freezing point	105 °C (221 °F)
Solubility in water	Insoluble

Octanol/water partition coefficient  
Evaporation rate  
Boiling point, 760 mm Hg

Not available  
Not applicable  
Not applicable

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## 10. Stability and Reactivity

Normally stable as defined in NFPA 704-12(4-3.1). Normally stable as defined in NFPA 704-12(4-3.1).

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### Incompatibilities:

Calcium carbonate could react with acids, magnesium & fluorine, and thermal decomposition can produce calcium oxide fumes & CO<sub>2</sub>

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### Hazardous polymerization:

Will not occur.

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## 11. Toxicological Information

See Section 3 Hazards Identification information.

**471-34-1 Calcium Carbonate (CaCO<sub>3</sub>)**

LC50: Not available

LD50: Oral-rat= 6,450 mg/kg (RTECS)

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## 12. Ecological Information

Not determined

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## 13. Disposal Considerations

Dispose of according to local, state/provincial, and federal requirements.

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## 14. Transport Information

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### 14.1 U.S. Department of Transportation (DOT)

The data provided in this section is for information only and may not be specific to your package size. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

Regulation: Non regulated

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### 14.2 Canadian Transportation of Dangerous Goods (TDG)

Regulation: Non regulated

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## 15. Regulatory Information (Selected Regulations)

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### 15.1 U.S. Federal Regulations

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**OSHA Hazards Communication Standard 29CFR1910.1200**

This material is not a "health hazard" or a "physical hazard" as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

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### **SARA Title III: Section 311/312**

Immediate health hazard  
Delayed health hazard

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### **SARA Title III: Section 313 and 40 CFR Part 372**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

None required per SARA TITLE III SECTION 313.

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### **TSCA Section 8(b) Inventory**

All reportable chemical substances are listed on the TSCA Inventory. We rely on certifications of compliance from our suppliers for chemical substances not manufactured by us.

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## **15.2 Canadian Regulations**

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### **Workplace Hazardous Materials Information System (WHMIS)**

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

Class D2B

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### **Canadian Environmental Protection Act (CEPA)**

All reportable chemical substances are listed on the Domestic Substances List (DSL) or otherwise comply with CEPA new substance notification requirements.

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### **National Pollutant Release Inventory (NPRI)**

This product contains the following chemical(s) subject to the reporting requirements of the Canadian Environmental Protection Act (CEPA) subsection 16(1), National Pollutant Release Inventory.

None required.

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## **16. Other Information**

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### **User's Responsibility**

The OSHA Hazard Communication Standard 29CFR 1910.1200 and the Workplace Hazardous Materials Information System (WHMIS) require that the information contained on these sheets be made available to your workers. Educate and train your workers regarding OSHA and WHMIS precautions. Instruct your workers to handle this product properly. Consult with appropriate experts to guard against hazards associated with use of this product and its ingredients.

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