

# MATERIAL SAFETY DATA SHEET

AMERICAN NIAGARA  
6750 JONES MILL COURT BLDG. C  
NORCROSS, GEORGIA 30092 USA  
770-441-5900 FAX 770-409-7259  
24 HOUR EMERGENCY 800-424-9300 CHEMTREC

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PRODUCT CODE AND NAME: ANC CONTACT FOAM HOT MELT  
ISSUE DATA: 02/23/2001  
MSDS CD DATA: 1/1/2008

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### MATERIAL IDENTITY

PRODUCT CODE AND NAME ANC CONTACT FOAM HOT MELT

CHEMICAL NAME AND /OR FAMILY OR DESCRIPTION: Buttene Olefin Copolymer

### TELEPHONE NUMBERS

Transportation Emergency  
CHEMTREC: (800)424-9300  
INTERNATIONAL: 703-741-5500

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## 2. COMPOSITION AND INFORMATION ON INGREDIENTS

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THE CRITERIA FOR LISTING COMPONENTS IN THE COMPOSITION SECTION ARE AS FOLLOWS: CARCINOGENS ARE LISTED WHEN PRESENT AT 0.1 % OR GREATER; COMPONENTS WHICH ARE OTHERWISE HAZARDOUS ACCORDING TO OSHA ARE LISTED WHEN PRESENT AT 1.0 % OR GREATER; NON-HAZARDOUS COMPONENTS ARE LISTED AT 30. % OR GREATER. THIS IS NOT INTENDED TO BE COMPLETED COMPOSITIONAL DISCLOSURE. REFER TO SECTION 14 FOR APPLICABLE STATES' RIGHT TO KNOW AND OTHER REGULATORY INFORMATION.

Product and/or component(s) Carcinogenic According to:

OSHA IARC NTP OTHER NONEX

### Composition:

Chemical Name	CAS Number	Exposure Limits	Range in %
1-Butene, polymer with 1-propene		29160-13-2	>99.0
Modifiers/additives		CBI	>1.0

THIS PRODUCT IS CONSIDERED NON-HAZARDOUS ACCORDING TO OSHA (1910.1200).

### 3. HAZARD IDENTIFICATION

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#### EMERGENCY OVERVIEW

**Appearance:**

Colorless liquid in molten state.  
Light grey, waxy, amorphous solid at room temperature.

**Other:**

Odorless

**WARNING STATEMENT**

**CAUTION!** MAY CAUSE EYE IRRITATION.  
MOLTEN PRODUCT CAN CAUSE THERMAL BURNS

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**Hazardous Material  
Information System  
(United States)**

**Health (0)  
Fire (1)  
Reactivity (0)**

**National Fire Protection  
Association NFPA  
(United States)**

**Personal Protection ( )**

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**1 Flammability**

**0 Health**

**0 reactivity**

**Specific danger**

#### POTENTIAL HEALTH EFFECTS

**Primary Route of Exposure**

**Eye X    Skin X    Inhalation X    Ingestion**

**Effects of Overexposure**

**Acute:**

**Eyes:** Eyes contact with hot or molten product can cause eye burns.

**Skin:** Skin contact with hot or molten product can cause skin burns.

**Inhalation:** Vapor or mist, in excess of permissible concentrations, or in unusually high concentrations generated from spraying, heating the material or as from exposure in poorly ventilated areas or confined spaces, may cause irritation of the nose and throat, headache, nausea, and drowsiness.

**Ingestion:** May cause abdominal discomfort, nausea, and diarrhea.

**Sensitization Properties:** Unknown

**Chronic:**

No adhesive effects have been documented in humans as a result of chronic exposure.

**Medical Conditions Aggravated by Exposure:**

There is no evidence that this product aggravates an existing medical condition.

**Other Remarks:**

None

### 4. FIRST AID MEASURES

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**Eyes:**

Flush eyes with plenty of water for several minutes. Get medical attention if eye irritation persists.

**Skin:**

In case of contact with hot or molten product, soak effected area in coldest water available. Do not attempt to remove solidified material. Get medical attention.

**Ingestion:**

None considered necessary.

**Inhalation:**

If irritation, headache, nausea, or drowsiness occurs, remove to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation persists.

**Other Instructions:**

None

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**5. FIRE-FIGHTING MEASURES**

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**Ignition Temperature – AIT (degrees C):**

Not determined.

**Flash Point (degrees C):**

>232 (>450°F)

**Flammable Fire Extinguishing Agents and Special Procedures:**

Use water spray, dry chemical, foam, or carbon dioxide to extinguish flames. Use water spray to cool fire-exposed containers. Water or foam may cause frothing.

**Unusual or Explosive Hazards:**

Hazardous melting and dripping may occur at elevated temperatures. May burn at or above flash point, and airborne dust may explode if ignited. See National Fire Protection Prevention Bulletin 654, "Dust Explosion Prevention, Plastics Industry 1975".

**Special Protective Equipment for Firefighters:**

No special equipment or procedures required.

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**6. ACCIDENTAL RELEASE MEASURES (Transportation Spills: CHEMTREC (800)424-9300)**

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**Procedures in Case of Accidental Release, Breakage or Leakage:**

Contain spill if possible. Avoid breathing vapor. Wear respiratory protection and other personal protective equipment as appropriate for the potential exposure hazard. Avoid contact with eyes, skin, and clothing. Molten material may be allowed to solidify for recovery with non-sparking tools.

**7. HANDLING AND STORAGE**

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**Precautions to be taken in****Handling:**

Practice good housekeeping and clean up spills immediately, as this product can be a serious slipping hazard. If molten material is loaded into moist fiber board containers, water vapor evolution will cause foaming. In extreme cases, the released water vapor can splash the molten material.

**Storage:**

Periods of exposure to high temperatures should be minimized. Water contamination should be avoided.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Protective Equipment (Type)****Eye/Face Protection:**

Safety glasses, chemical type goggles, or face shield recommended to prevent eye contact. Heat resistant face shield recommended when handling hot material.

**Skin Protection:**

Protective clothing such as coverall or lab coats must be worn. Launder or dry-clean when soiled. Gloves and boots resistant to chemicals and petroleum distillates required. When handling large quantities, impervious suits must also be worn. Insulated gloves also required if contact with molten product or heated equipment is expected.

**Respiratory Protection:**

Airborne concentrations should be kept to lowest levels possible. If vapor, mist or dust is generated and the occupational exposure limit of the product, or any component of the product, is exceeded, use appropriate NIOSH approved air purifying or air supplied respirator after determining the airborne concentration of the contaminant. Air supplied respirators should always be worn when airborne concentration of contaminant or oxygen content is unknown.

**Ventilation:**

Local exhaust ventilation recommended if generating vapor, dust, or mist if exhaust ventilation is not available or inadequate, use NIOSH approved respirator as appropriate. It is recommended that adequate ventilation be provided at external extrusion points where the product is at elevated temperatures.

**Exposure Limit for the Total Product:**

None established for product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

Colorless liquid in molten state.  
Light grey, waxy, amorphous solid at room temperature.

**Odor:**

Odorless

**Boiling Point (degrees C):**

Not applicable.

**Melting/Freezing Point (degrees C):**

**Softening Point: 107-113 (225-235°F)**

**Specific Gravity (water=1):**

Not applicable.

**Not applicable.**

**Vapor Pressure:**

Not applicable.

**Viscosity:**

Not applicable.

**VOC Content:**

**Non-volatile.**

**Vapor Density (Air=1):**

Not applicable.

**Solubility in Water (%):**

Insoluble

**Other:**

None

**10. STABILITY AND REACTIVITY****This Material Reacts Violently With:**

<b>Air</b>	<b>Water Heat</b>	<b>Strong Oxidizers</b>	<b>Others</b>	<b>None of theseX</b>
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**Comments:**

This product is softened by oxidizing agents (i.e. nitric acid, free halogens), hydrocarbons (i.e. benzene, gasoline, petroleum ether), and by chlorinated hydrocarbons

**Products Evolved When Subjected to Heat or Combustion:**

At processing temperatures some degree of thermal degradation will occur. A variety of decomposition products may occur including, simple hydrocarbons, to toxic and irritating gases such as carbon, monoxide, carbon dioxide, acids ketones, and aldehydes.

**Hazardous Polymerizations:**

DO NOT OCCUR

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**11. TOXICOLOGICAL INFORMATION**

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**TOXICOLOGICAL INFORMATION (ANIMAL TOXICITY DATA)****Oral:**

LD50>5.00 g/kg (rat) practically non-toxic

**Dermal:**

LD50>2.00 g/kg (rabbit) practically non-toxic

**IRRITATION INDEX, ESTIMATION OF IRRITATION (SPECIES)****Skin:**

(Draize) Belived to be <.50 / 8.0 (rabbit) no appreciable effect

**Eyes:**

(Draize) Belived to be < 15.00 / 110 (rabbit) no appreciable effect

**Other:**

None

**12. DISPOSAL CONSIDERATIONS:**

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**Waste Disposal Methods:**

This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous.

**Remarks:**

None

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**13. TRANSPORT INFORMATION**

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**Transportation****DOT:****Proper Shipping Name:**

Elevated temperature liquid, N.O.S. (Buttene Olefin Copolymer )

**Hazard Class:**

9

**Identification Number:**

UN 3257

**Packing Number:**

III

**Label Required:**

Class 9 + HOT

This shipping information only applies when the material is shipped in molten form. The pelletized form of this product is not regulated by DOT.

**IMDG**

Proper Shipping Name:  
Elevated temperature liquid, N.O.S. (Buttene Olefin Copolymer )

**Hazard Class:**

9

**Identification Number:**

UN 3257

**Packing Group:**

III

**Label Required:**

Class 9 + ELEVATED TEMPERATURE

This shipping information only applies when the material is shipped in molten form. The pelletized form of this product is not regulated by IMDG.

**ICAO****Proper Shipping Name:**

Not regulated.  
TDG

Proper Shipping Name:  
Not regulated.

**Hazard Class:**

Not evaluated.

**Identification Number:**

Not evaluated.

**Label Required:**

Not evaluated.

**14. REGULATORY INFORMATION****Federal Regulation:****SARA Title III:****Section 302 / 304 Extremely Hazardous Substances**

Chemical Name:	CAS Number	Range in %	TPQ	RQ
None				

**Section 313 Hazardous Categorization:**

Acute	Chronic	Fire	Pressure	Reactive	N/AX

**Section 313 Toxic Chemical**

Chemical Name	CAS Number	Concentration
None.		

**CERCLA 102(a)/DOT Hazardous Substances:**

Chemical Name	CAS Number	Range in %	RQ
None.			

**States Right-to Know Regulations:**

Chemical Name	State Right-to-know
None.	

State list: CT (Connecticut), FL (Florida), IL( Illinois), MI (Michigan), LA( Louisiana), MA(Massachusetts), NJ(New Jersey), PA (Pennsylvania), RI(Rhode Island)

**California Prop. 65:**

The following detectable components of this product are substances, or belong to classes of substances, known to the State of California to cause cancer and/or reproductive toxicity.

Chemical Name  
None.

CAS Number

**INTERNATIONAL REGULATIONS:**

**TSCA Inventory Status:**

This product, or its components, are listed on or are exempt from the toxic Substance Control Act (TSCA) Chemical Substance Inventory.

**WHMIS Classification:**

Not determined.

**Canadian Inventory Status:**

This product, or its components, are listed on or are exempt from the Canadian Domestic Substance List (DSL).

**EINECS Inventory Status:**

These products, or its components, are listed on or are exempt from the European Inventory of Existing Chemical Substances (EINECS) or the European List of Notified Chemical Substances (ELINCS).

**Australian Inventory Status:**

This product, or its components, are listed on or are exempt for the Australian Inventory of Chemical Substances (AICS).

**Japan Inventory Status:**

This product, or its components, are listed on or are exempt from the Japanese Ministry of International Trade and Industry (MITI) inventory.

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**15. ENVIRONMENTAL INFORMATION**

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**Aquatic Toxicity:**

Not determined.

**Mobility:**

Not determined.

**Persistence and Biodegradability:**

Not determined.

**Potential to Bioaccumulate:**

Not determined.

**Remarks:**

None

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**16. OTHER INFORMATION 02-23-2001**

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None

Original Issue.

Print Date: 12-20-2002

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**AMERICAN NIAGARA  
COORDINATOR, PRODUCT SAFETY  
6750 JONES MILL COURT BLDG. C  
NORCROSS, GEORGIA 30092 USA**

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