



Material Safety Data Sheet

Adhesive and Trim Cement (Aerosol)

MSDS ID: 455

*** Section 1 - Chemical Product and Company Identification ***

Part Number: 455

Product Use: Trim Adhesive

Manufacturer Information

BG Products Inc.
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Wichita, KS 67213
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Phone: (316) 265-2686
Fax: (316) 265-0718
Emergency: 1-800-424-9300 (CHEMTREC)

*** Section 2 - Hazards Identification ***

Emergency Overview

DANGER

- EXTREMELY FLAMMABLE! Do not use or store near flames, sparks, or hot surfaces.
- CONTENTS UNDER PRESSURE!
- EYE AND SKIN IRRITANT! Avoid contact with eyes, skin, and clothing.
- Avoid prolonged breathing of fumes. Use with adequate ventilation.
- Do not puncture, incinerate (burn) or store at temperatures above 120°F. Mist Spray Adhesive < 65% V.O.C.

HMIS Ratings: Health: 2 Fire: 4 Physical Hazard: 0 Pers. Prot.: B

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
68476-86-8	Propane/Isobutane/N-Butane	10-30
79-20-9	Methyl acetate	10-30
67-64-1	Acetone	10-30
Mixture	Adhesive	10-30
110-82-7	Cyclohexane	5-10
8030-30-6	Isohexane	5-10
75-83-2	Neohexane	1-5
79-29-8	2,3-Dimethylbutane	1-5
96-14-0	3-Methylpentane	1-5

Component Information

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication). This product is considered a controlled product under the Canadian Controlled Products Regulations (CPR).

*** Section 4 - First Aid Measures ***

Eyes

In case of contact, immediately flush eyes with large amounts of water, continuing to flush for 15 minutes. If irritation persists get medical attention.

Skin

For skin contact flush with large amounts of water while removing contaminated clothing. If irritation persists, get medical attention.



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Ingestion

If ingested, get immediate medical attention. Do not induce vomiting unless instructed to do so by medical personnel.

Inhalation

Move person to non-contaminated air. Give artificial respiration if not breathing. Call a physician if symptoms develop or persist.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.
Keep away from heat, sparks, or open flame.

Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Extinguishing Media

Dry chemical, foam, carbon dioxide.

Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing.
Fire fighters should avoid inhaling any combustion products.

NFPA Ratings: Health: 2 Fire: 4 Reactivity: 0 Other: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Containment Procedures

Contain the discharged material. Remove sources of ignition.

Clean-Up Procedures

Wear appropriate protective equipment and clothing during clean-up. Absorb spill with inert material.
Shovel material into appropriate container for disposal.

Evacuation Procedures

Isolate area. Keep unnecessary personnel away. In case of large spills, follow all facility emergency response procedures.

Special Procedures

Wear appropriate personal protective equipment.

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid getting this material into contact with your skin and eyes. Wash thoroughly after handling. Use this product with adequate ventilation. Keep container closed.

Storage Procedures

Do not store this material in open or unlabeled containers. Store this product in air-tight containers away from sources of heat and light.



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*** Section 8 - Exposure Controls / Personal Protection ***

A: Component Exposure Limits

Acetone (67-64-1)

ACGIH: 500 ppm TWA
750 ppm STEL
OSHA: 750 ppm TWA; 1800 mg/m³ TWA
1000 ppm STEL; 2400 mg/m³ STEL (The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors)
NIOSH: 250 ppm TWA; 590 mg/m³ TWA

Methyl acetate (79-20-9)

ACGIH: 200 ppm TWA
250 ppm STEL
OSHA: 200 ppm TWA; 610 mg/m³ TWA
250 ppm STEL; 760 mg/m³ STEL
NIOSH: 200 ppm TWA; 610 mg/m³ TWA
250 ppm STEL; 760 mg/m³ STEL

Isohexane (8030-30-6)

ACGIH: 400 ppm TWA
OSHA: 100 ppm TWA; 400 mg/m³ TWA
NIOSH: 100 ppm TWA; 400 mg/m³ TWA

Cyclohexane (110-82-7)

ACGIH: 100 ppm TWA
OSHA: 300 ppm TWA; 1050 mg/m³ TWA
NIOSH: 300 ppm TWA; 1050 mg/m³ TWA

B: Canadian Provincial Exposure Limits

Acetone (67-64-1)

Alberta: 750 ppm TWA; 1800 mg/m³ TWA
1000 ppm STEL; 2400 mg/m³ STEL
British Columbia: 250 ppm TWA
Manitoba: 500 ppm STEL
500 ppm TWA
750 ppm STEL
New Brunswick: 500 ppm TWA; 1188 mg/m³ TWA
1782 mg/m³ STEL
NW Territories: 750 ppm STEL; 1782 mg/m³ STEL
1000 ppm TWA; 2370 mg/m³ TWA
1250 ppm STEL; 2970 mg/m³ STEL
Nova Scotia: 500 ppm TWA
750 ppm STEL
Nunavut: 1000 ppm TWA; 2370 mg/m³ TWA
1250 ppm STEL; 2970 mg/m³ STEL
Ontario: 500 ppm TWAEV
750 ppm STEV
Quebec: 1000 ppm STEV; 2380 mg/m³ STEV
500 ppm TWAEV; 1190 mg/m³ TWAEV
Saskatchewan: 1780 mg/m³ TWA; 750 ppm TWA
2380 mg/m³ STEL; 1000 ppm STEL
Yukon: 1000 ppm TWA; 2400 mg/m³ TWA
1250 ppm STEL; 3000 mg/m³ STEL

Methyl acetate (79-20-9)

Alberta: 200 ppm TWA; 606 mg/m³ TWA
250 ppm STEL; 757 mg/m³ STEL
British Columbia: 200 ppm TWA



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Columbia: 250 ppm STEL
Manitoba: 200 ppm TWA
250 ppm STEL
New Brunswick: 200 ppm TWA; 606 mg/m³ TWA
250 ppm STEL; 757 mg/m³ STEL
NW Territories: 200 ppm TWA; 605 mg/m³ TWA
250 ppm STEL; 760 mg/m³ STEL
Nova Scotia: 200 ppm TWA
250 ppm STEL
Nunavut: 200 ppm TWA; 605 mg/m³ TWA
250 ppm STEL; 760 mg/m³ STEL
Ontario: 200 ppm TWAEV; 605 mg/m³ TWAEV
250 ppm STEV; 755 mg/m³ STEV
Quebec: 250 ppm STEV; 757 mg/m³ STEV
200 ppm TWAEV; 606 mg/m³ TWAEV
Saskatchewan: 606 mg/m³ TWA; 200 ppm TWA
757 mg/m³ STEL; 250 ppm STEL
Yukon: 200 ppm TWA; 610 mg/m³ TWA
250 ppm STEL; 760 mg/m³ STEL

Isohexane (8030-30-6)

Alberta: 400 ppm TWA; 1590 mg/m³ TWA
British Columbia: 400 ppm TWA
Manitoba: 400 ppm TWA
New Brunswick: 400 ppm TWA; 1590 mg/m³ TWA
NW Territories: 400 ppm TWA; 1600 mg/m³ TWA
500 ppm STEL; 2000 mg/m³ STEL
Nova Scotia: 400 ppm TWA
Nunavut: 400 ppm TWA; 1600 mg/m³ TWA
500 ppm STEL; 2000 mg/m³ STEL
Quebec: 400 ppm TWAEV; 1590 mg/m³ TWAEV
Saskatchewan: 1590 mg/m³ TWA; 400 ppm TWA
2000 mg/m³ STEL; 500 ppm STEL
Yukon: 400 ppm TWA; 1800 mg/m³ TWA
500 ppm STEL; 2250 mg/m³ STEL

Cyclohexane (110-82-7)

Alberta: 300 ppm TWA; 1030 mg/m³ TWA
British Columbia: 100 ppm TWA
Manitoba: 100 ppm TWA
New Brunswick: 300 ppm TWA; 1030 mg/m³ TWA
NW Territories: 300 ppm TWA; 1030 mg/m³ TWA
375 ppm STEL; 1290 mg/m³ STEL
Nova Scotia: 100 ppm TWA
Nunavut: 300 ppm TWA; 1030 mg/m³ TWA
375 ppm STEL; 1290 mg/m³ STEL
Ontario: 100 ppm TWAEV
Quebec: 300 ppm TWAEV; 1030 mg/m³ TWAEV
Saskatchewan: 1030 mg/m³ TWA; 300 ppm TWA
1290 mg/m³ STEL; 375 ppm STEL
Yukon: 300 ppm TWA; 1050 mg/m³ TWA
375 ppm STEL; 1300 mg/m³ STEL

Neohexane (75-83-2)

Alberta: 500 ppm TWA; 1760 mg/m³ TWA
1000 ppm STEL; 3500 mg/m³ STEL



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3-Methylpentane (96-14-0)

Alberta: 500 ppm TWA; 1760 mg/m3 TWA
1000 ppm STEL; 3500 mg/m3 STEL

2,3-Dimethylbutane (79-29-8)

Alberta: 500 ppm TWA; 1760 mg/m3 TWA
1000 ppm STEL; 3500 mg/m3 STEL

Engineering Controls

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

General

Use good industrial hygiene practices in handling this material. Avoid inhalation of mists/vapors and contact with skin and eyes.

Skin

Use appropriate hand protection.

Respiratory

Use NIOSH approved respirator with cartridge, air line, or SCBA as appropriate based on workplace exposure evaluations.

Eyes

Wear safety glasses; chemical goggles (if splashing is possible).

*** Section 9 - Physical & Chemical Properties ***

Appearance: Clear	Odor: Solvent
Physical State: Aerosol	Flash Point: Not Determined
Flash Point Method: Not Available	Boiling Point: Not Determined
Melting Point: Not Determined	Pour Point: Not Determined
Specific Gravity: 0.7116	Bulk Density: 5.939 lbs/gal
Solubility (H2O): Negligible	Vapor Pressure: Not Available
Vapor Density: Heavier Than Air	Auto Ignition: Not Available
Lower Flammability Limit: 1%	Upper Flammability Limit: 16%
pH: Not Available	

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Keep away from heat, ignition sources and incompatible materials. Avoid strong oxidizing agents.

Incompatibility

This product may react with oxidizing agents. Strong oxidizing agents (peroxides, chlorine, strong acids).

Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

Possibility of Hazardous Reactions

Will not occur.



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*** Section 11 - Toxicological Information ***

Acute Dose Effects

A: General Product Information

An LD50 value for this product has not been determined.

B: Component Analysis - LD50/LC50

Acetone (67-64-1)

Oral LD50 Rat: 5800 mg/kg

Methyl acetate (79-20-9)

Inhalation LC50 Rat: 16000 ppm/4H; Oral LD50 Rat:>5000 mg/kg; Dermal LD50 Rat:>2000 mg/kg; Dermal LD50 Rabbit:>5000 mg/kg

Isohexane (8030-30-6)

Oral LD50 Rat: >5 g/kg; Dermal LD50 Rabbit: >3 g/kg

Cyclohexane (110-82-7)

Inhalation LC50 Rat: 13.9 mg/L/4H; Oral LD50 Rat:>5000 mg/kg; Dermal LD50 Rabbit:>2000 mg/kg

Carcinogenicity

A: General Product Information

No carcinogenicity data available for this product.

B: Component Carcinogenicity

Acetone (67-64-1)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

*** Section 12 - Ecological Information ***

Ecotoxicity

No information available for the product.

*** Section 13 - Disposal Considerations ***

Waste Disposal Instructions

Dispose of in accordance with all applicable Federal, State, Provincial, and local regulations.

*** Section 14 - Transportation Information ***

US DOT Information

Shipping Name: Consumer Commodity, ORM-D

IMDG Information

Shipping Name: Aerosol, Flammable

UN #: 1950 Hazard Class: 2.1

Required Label(s): Limited Quantity

IATA Information

Shipping Name: Aerosol, Flammable

UN #: 1950 Hazard Class: 2.1

Required Label(s): Limited Quantity



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*** Section 15 - Regulatory Information ***

US Federal Regulations

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

A: Component Analysis

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).

Acetone (67-64-1)

CERCLA: 5000 lb final RQ; 2270 kg final RQ

Cyclohexane (110-82-7)

SARA 313: 1.0 % de minimis concentration

CERCLA: 1000 lb final RQ; 454 kg final RQ

B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Propane/Isobutane/N-Butane	68476-86-8	Yes	DSL	EINECS
Acetone	67-64-1	Yes	DSL	EINECS
Methyl acetate	79-20-9	Yes	DSL	EINECS
Isohexane	8030-30-6	Yes	DSL	EINECS
Cyclohexane	110-82-7	Yes	DSL	EINECS
Neohexane	75-83-2	Yes	DSL	EINECS
3-Methylpentane	96-14-0	Yes	DSL	EINECS
2,3-Dimethylbutane	79-29-8	Yes	DSL	EINECS

State Regulations

Other state regulations may apply. Check individual state requirements.

Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Acetone	67-64-1	Yes	Yes	Yes	Yes	Yes	Yes
Methyl acetate	79-20-9	Yes	Yes	Yes	Yes	Yes	Yes
Isohexane	8030-30-6	Yes	Yes	Yes	Yes	Yes	Yes
Cyclohexane	110-82-7	Yes	Yes	Yes	Yes	Yes	Yes
Neohexane	75-83-2	No	Yes	No	Yes	Yes	No
3-Methylpentane	96-14-0	No	Yes	No	No	Yes	No
2,3-Dimethylbutane	79-29-8	No	Yes	No	Yes	Yes	No

Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Acetone	67-64-1	1 %
Methyl acetate	79-20-9	1 %
Cyclohexane	110-82-7	1 %
Neohexane	75-83-2	1 %
2,3-Dimethylbutane	79-29-8	1 %

*** Section 16 - Other Information ***

Other Information



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We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use. You must notify each person to whom this mixture or trade name product is sold. This statement must not be detached. Any copy or redistribution of the Material Safety Data Sheet shall include this statement.

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstract Services; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Product Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EPA = Environmental Protection Agency; HMIS = Hazardous Materials Information System; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; IDL = Ingredient Disclosure List; IMDG = International Maritime Dangerous Goods; LC50 = Lethal Concentration 50%; LD50 = Lethal Dose 50%; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Agency; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; SCBA = Self Contained Breathing Apparatus; TSCA = Toxic Substance Control Act; WHMIS = Workplace Hazardous Materials Information System.

Contact Information

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