

Description

The 402B *Super Duster™ 152* is a general usage duster for electronic and electrical equipment. The duster contains pure 1,1-difluoroethane (152a), which delivers a constant, high-pressure cleaning jet. The gas jet is dry, zero-residue, and chemically inert, which makes it safe for cleaning electrical and electronic components.

Applications & Usages

The 402B duster is ideal for removing lint, dust, and other debris from electronic devices and computers. It helps prevent malfunctions and lengthens component life.

It is used to clean

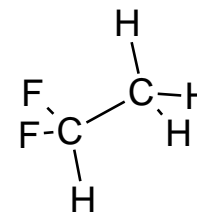
- Computer equipment: CPU, Keyboards, PCB, and more
- Electrical and electronics boards and systems
- Ventilation and heat sink systems—the removal dust from heat sinks and fans helps avoid overheating situations.
- Audio visual equipment
- Lab equipment

ATTENTION!

Not for use on live electronic circuits. Use the 402A duster instead.

Benefits and Features

- **Compatible with electrical equipment and electronic components**
- **Chemically inert**
- **Zero residue**
- **Moisture free**
- **Ozone safe**
- **Suitable for Use in Food Facilities as a Non-Food Chemical**—Canadian and NFS recognition letters available on request



Properties

<i>Physical Properties</i>	<i>Value</i>
Color	Colorless
Odor	Slight, ether-like
Purity	≥99.9%
Moisture (maximum)	≤10 ppm
Non-volatile Residue (maximum)	≤0.01%
Boiling Point	-25 °C [-13 °F]
Flash Point	-50 °C [-58 °F]
Ozone Depleting Potential	0.00

Storage and Shelf Life

Store at around room temperature. Use within -20 to 50 °C [-4 to 122 °F] and protect from direct heat or sunlight.

Health and Safety

Please see the 402B *Super Duster™ 152 Safety Data Sheet* (SDS) for more details on transportation, storage, handling and other security guidelines.

Environmental Impact: In the USA and Canada, this is VOC-exempt product that has very low environmental toxicity. Its 100 years global warming potential is 120, and its Ozone Depleting Potential is 0.00.



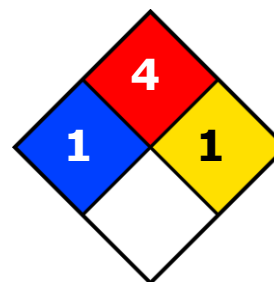
This product meets the European Directive 2011/65/EU Annex II (ROHS); recasting 2002/95/EC.

Health and Safety: This product is not considered to be hazardous for human health under normal use. While this aerosol is classified as non-flammable according to Canadian and American criteria, the liquid form is flammable; therefore, do not use this product in presence of flames or on a live circuit. (Note the liquid form can be ejected if the aerosol can is not held upright during use.)

HMIS® RATING

HEALTH:	1
FLAMMABILITY:	4
PHYSICAL HAZARD:	1
PERSONAL PROTECTION:	

NFPA® 704 CODES



Approximate HMIS and NFPA Risk Ratings Legend:

0 (Low or none); 1 (Slight); 2 (Moderate); 3 (Serious); 4 (Severe)

Contact with the liquid may cause frostbite due to heat lost caused by rapid evaporation. Aerosol jet can reach sub-zero temperatures.

Instructions

To remove safety tab

1. Firmly hold the head of the nozzle and trigger in place.
2. Pull tab forward on top of nozzle until it snaps off.

DANGER! Do NOT use on live circuits or in presence of ignition sources.

To clean surfaces

1. Power off electrical or electronic equipment.
2. Spray directly on dusty component using bursts of spray. Clean contaminations from top to bottom to avoid redeposit of dust on clean areas.
3. Use extension tube to direct the spray in hard to reach corners.

TIP! Avoid continuous spray that causes component to reach freezing temperatures. In contact with moist air, cooled components could lead to unwanted frost formation.

Avoid touching the component directly with your hands, nozzle, or extension straw.

ATTENTION! HOLD CAN UPRIGHT to avoid ejection of liquid stream during use. Do NOT spray when container is more than 45 degrees off vertical or inverted.

Packaging and Supporting Products

<i>Cat. No.</i>	<i>Packaging</i>	<i>Net Volume</i>		<i>Net Weight</i>		<i>Packaging Weight</i>	
402B-285G	Aerosol	313 mL	10.5 fl oz	285 g	10.0 oz	4.1 kg ^{a)}	9 lb
402B-400G	Aerosol	439 mL	14.8 fl oz	400 g	14.1 oz	5.0 kg ^{a)}	11 lb

a) Pack of 10

Technical Support

Contact us regarding any questions, improvement suggestions, or problems with this product. Application notes, instructions, and FAQs are located at www.mgchemicals.com.

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ISO 9001 Registered Quality System.
Burlington, Ontario, Canada QMI File # 004008

Super Duster™ 152 402B Technical Data Sheet

402B-Aerosol

Warranty

M.G. Chemicals Ltd. warrants this product for 12 months from the date of purchase by the end user. *M.G. Chemicals Ltd.* makes no claims as to shelf life of this product for the warranty. The liability of *M.G. Chemicals Ltd.* whether based on its warranty, contracts, or otherwise shall in no case include incidental or consequential damage.

Disclaimer

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. *M.G. Chemicals Ltd.* does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.