

CHEMTRONICS

Technical Data Sheet

TDS # 1029

152a Blast™

PRODUCT DESCRIPTION

152a Blast™ is an economical general-purpose duster with a bigger blast for cleaning applications. Its exceptional purity jet instantly cleans surfaces free of particulate contamination. 152a Blast™ is engineered to remove dirt, dust, oxide particles and other airborne particles instantly, and can be used to facilitate the accelerated drying of solvent cleaners. Not for use near flames, ignition sources, nor sources of static discharge.

- High pressure for contamination control
- Ozone safe; CFC and HCFC free
- Flammable
- 63 psig at 70°F
- Nonabrasive; safe for most materials.
Will not scratch surfaces
- No residue
- Cleans hard to reach areas

TYPICAL APPLICATIONS

152a Blast™ is used in a wide range of applications including:

- Audio/Video Equipment
- Fax Machines
- Keyboards
- Laboratory Instruments
- Microcomputers
- Photo Equipment
- Printers

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	-15.0°F
Vapor Density (air=1) @ 77°F	2.4
Solubility in Water @ 77°F F/1 atm	0.15% by weight
Specific Gravity (water = 1 @77°F)	1.22
Evaporation Rate (butyl acetate=1)	>1
Appearance	Clear, Colorless Gas
Odor	Slight Ethereal
Flammable limits in Air, % by Volume	LEL : 3.9 UEL : 16.9
Flash Point (TCC)	<-50 C (<-58 F)
Shelflife	5 years

COMPATIBILITY

152a Blast™ is generally compatible with most materials used in printed circuit board fabrication, including sensitive plastics and compounds. As with any duster, compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
Buna-N	Excellent
Graphite	Excellent
HDPE	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Cross-Linked PE	Excellent
Polyacrylate	Excellent
Polystyrene	Excellent
PVC	Excellent
Silicone Rubber	Excellent
Teflon™	Excellent
Viton™	Excellent

AVAILABILITY

ES1029 10 oz. Aerosol

ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	0.0%
HCFC	0.0%	HFC	100.0%
GWP	140	ODP	0.0

CFC, HCFC, VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation. Global warming potential (GWP) is calculated based on a 100 year time horizon. Carbon dioxide has a GWP of 1.

NOTE:

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

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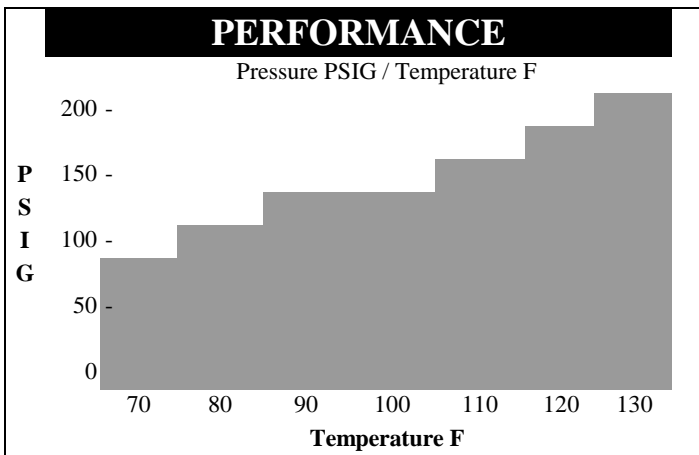
8125 COBB CENTER DRIVE

KENNESAW, GA 30152

1-770-424-4888

REV. A 08/13

DISTRIBUTED BY:



USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

No special surface preparation is required prior to using 152a Blast™. Direct high pressure spray onto the area to be cleaned to remove dust, dirt and other contaminant. For optimum performance and pin point control, use with the attached extension tube. **Do not use near ignition sources or energized equipment. Do not spray into enclosed areas where flammable vapors may accumulate.**

TECHNICAL & APPLICATION ASSISTANCE

Chemtronics provides a technical hotline to answer your technical and application related questions. The toll free number is **1-800-TECH-401**, or e-mail us at AskChemtronics@chemtronics.com.

Chemtronics is also accessible on the web. Visit us at www.chemtronics.com.

CHEMTRONICS

Technical Data Sheet

TDS # 1029E

152a BlastTM

PRODUCT DESCRIPTION

152a BlastTM is an economical general-purpose duster with a bigger blast for cleaning applications. Its exceptional purity jet instantly cleans surfaces free of particulate contamination. 152a BlastTM is engineered to remove dirt, dust, oxide particles and other airborne particles instantly, and can be used to facilitate the accelerated drying of solvent cleaners. Not for use near flames, ignition sources, nor sources of static discharge.

- High pressure for contamination control
- Ozone safe; CFC and HCFC free
- Flammable
- 63 psig at 70°F (21°C)
- Nonabrasive; safe for most materials.
Will not scratch surfaces
- No residue
- Cleans hard to reach areas

TYPICAL APPLICATIONS

152a BlastTM is used in a wide range of applications including:

- Audio/Video Equipment
- Fax Machines
- Keyboards
- Laboratory Instruments
- Microcomputers
- Photo Equipment
- Printers

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	-26.1°C(-15.0°F)
Vapor Density (air=1) @ 77°F (25°C)	2.4
Solubility in Water @ 77°F (25°C) /1 atm	0.15% by weight
Specific Gravity (water=1@77°F/25°C)	1.22
Evaporation Rate (butyl acetate=1)	>1
Appearance	Clear, Colorless Gas
Odor	Slight Ethereal
Flammable limits in Air, % by Volume	LEL : 3.9 UEL : 16.9
Flash Point (TCC)	<-50°C (<-58°F)
Shelflife	5 years

COMPATIBILITY

152a BlastTM is generally compatible with most materials used in printed circuit board fabrication, including sensitive plastics and compounds. As with any duster, compatibility must be determined on a non-critical area prior to use.

<u>Material</u>	<u>Compatibility</u>
Buna-N	Excellent
Graphite	Excellent
HDPE	Excellent
LDPE	Excellent
Lexan™	Excellent
Neoprene	Excellent
Cross-Linked PE	Excellent
Polyacrylate	Excellent
Polystyrene	Excellent
PVC	Excellent
Silicone Rubber	Excellent
Teflon™	Excellent
Viton™	Excellent

AVAILABILITY

ES1029E 400 ml Aerosol

ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	0.0%
HCFC	0.0%	HFC	100.0%
GWP	140	ODP	0.0

CFC, HCFC, VOC, and HFC numbers shown are the content by weight. Ozone depletion potential (ODP) is determined in accordance with the Montreal Protocol and U.S. Clean Air Act of 1990. The ODP of this product is 0.0. It is the sum of the ODP of the substances that may contribute to the depletion of stratospheric ozone, based upon the weight of each substance in the product's formulation. Global warming potential (GWP) is calculated based on a 100 year time horizon. Carbon dioxide has a GWP of 1.

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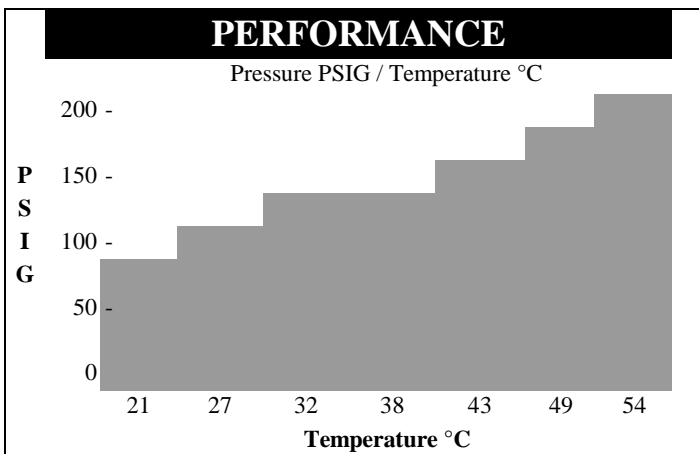
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