

CHEMTRONICS®

Technical Data Sheet

TDS # 1024

Typhoon Blast™ Duster

PRODUCT DESCRIPTION

Typhoon Blast™ Duster is engineered to provide effective particle removal from sensitive and difficult to reach surfaces, while minimizing global warming impact. Formulated with HFO1234ze, this duster offers the lowest global warming impact (GWP = 6) when compared to dusters utilizing HFC-134a (GWP = 1300) or HFC-152a (GWP = 140)*. This portable, moisture free and oil free duster provides the cleanest and most efficient, non-contact method available for particle removal. It is also efficient as a means to quickly remove slow-drying solvents.


- High pressure for particle removal and contamination control
- Useful for drying and removing solvents from surfaces
- Ultra-low global warming impact of 6
- Nonflammable
- Nonabrasive and Noncorrosive
- Leaves no residue
- Ultra-pure, filtered to <0.2 microns
- CFC, HCFC and HFC free
- VOC free
- Non-ozone depleting

TYPICAL APPLICATIONS

Typhoon Blast™ Duster is engineered for all aspects of electronic equipment maintenance and is particularly suited for applications involving:

- Audio/Video Equipment
- Computers and Other Electronic Equipment
- Telephone Junction Panels
- Network Routers and Switches
- Lenses and Optical Surfaces
- Office Equipment, Paper Shredders, Fax Machines and Printers
- Laboratory Instruments
- Photo Equipment
- Printed Circuit Boards
- Electrical Connectors and Contacts

TYPICAL PRODUCT DATA AND PHYSICAL PROPERTIES

Boiling Point	-2 °F / -19 °C
Internal Pressure	47 psia @ 70 °F
Vapor Density (air=1) @ 77°F	4.0
Solubility in Water @ 77°F F/1 atm	0.10% by weight
Specific Gravity (water = 1 @77°F)	1.17
Evaporation Rate (butyl acetate=1)	>1
Appearance	Clear, Colorless Liquified Gas
Odor	Slight Ethereal
Global Warming Potential	6.0*
Flash Point (TCC)	None
Shelflife	5 years
RoHS/WEEE Status	

*Global warming potential (GWP) is calculated based on a 100 year time horizon. Carbon dioxide has a GWP of 1.

COMPATIBILITY

Typhoon Blast™ Duster is generally compatible with most materials used in printed circuit board fabrication, including sensitive plastics and compounds. As with any duster/cleaner, 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

ENVIRONMENTAL IMPACT DATA

ENVIRONMENTAL IMPACT DATA			
CFC	0.0%	VOC	0.0%
HCFC	0.0%	HFC	0.0%
CL Solv.	0.0%	ODP	0.00

CFC, HCFC, CL. SOLV., 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. VOC consideration is based on the materials being not photochemically reactive by Commonly Used Standards (material supplier).

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.

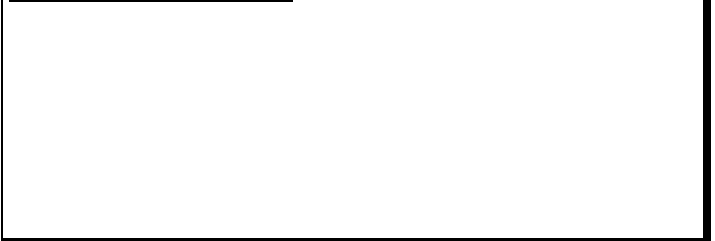
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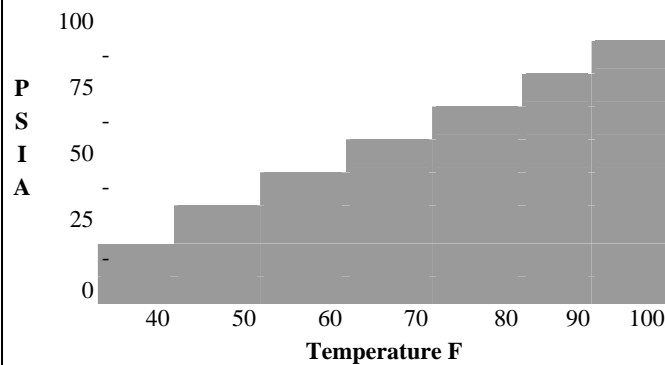
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DISTRIBUTED BY:



PERFORMANCE

Pressure PSIG / Temperature F



USAGE INSTRUCTIONS

For industrial use only.

Read MSDS carefully prior to use.

No special surface preparation is required prior to using Typhoon Blast™ Duster. 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.

AVAILABILITY

ES1024 10 oz. Aerosol

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.