

Verona, 1st June 2007

MATERIAL SAFETY DATA SHEET

1) IDENTIFICATION OF PRODUCT AND COMPANY:

Product name: B-55 COMPRESSED GAS ml.400 – Aerosol

Applications: Advanced design aerosol of a dry gas which acts like compressed air. Used for quick removal of dust, dirt and humidity from delicate and inaccessible areas (thanks to the thin-pipe). Suitable when solvents can not be used, B-55 does not leave either residue or condensation, being **extremely pure**. It doesn't affect any kind of material and, because of its characteristic of non-flammability, can be applied on live electrical equipments. Excellent for cleaning optics and lenses. Ideal if periodically employed in eliminating humidity and dust that always are in the computer's cabinets and often cause damages to the hardware.

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2) SPECIFIC DANGERS:

The content has not been classified dangerous, according to the Directive 1999/45/EC.
It causes freeze-burns when in contact with skin and eyes. Under pressure packaging: at 20°C 4.6 bar. Over 50° C the packing sealing capacity is compromised and the can may explode.

3) COMPONENT SPECIFICATIONS:

Ingredients	CAS nr.	EEC nr.	w/w %	Symbols	Risk-Phrases
Ethane,1,1,1,2-Tetrafluoro	811-97-2	212-377-0	75-100	none	none

4) FIRST AID INSTRUCTIONS:

Inhaling:bring to open air.

Eye contact: if the liquid part gets in contact with the eyes, causing freeze-burns, rinse with warm water and apply a light bandage - medical attention as soon as possible.

Skin contact: if the liquid part gets in contact with the skin, causing freeze-burns, rinse with warm water and apply a light coat of a non-medicated ointment (such as petroleum jelly) - medical attention as soon as possible.

5) FIRE INSTRUCTIONS:

The content is ***non flammable***; however there is a specific danger when the pressure increases and the container is exposed to heat sources. In case of fire in the stockroom, use water, sand or Carbon-Dioxide-fire-extinguishers and keep always at a safety distance. Don't smoke.

6) INSTRUCTIONS IN CASE OF ACCIDENTAL SPILLING:

The content evaporates rapidly. Ventilation system recommended.

7) HANDLING AND STOCKING:

Handling: Do not shake the container. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from combustion sources. Do not smoke. Avoid to inhale directly and to spray in the eyes. Avoid improper or excessive use of the product. Avoid the skin and eyes contact with the liquid phase: it causes freeze-burns.

Stocking: Keep stocks in a cool place with fireproofing flooring (if possible). Keep out of reach of children.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C.

8) EXPOSURE CONTROL / INDIVIDUAL PROTECTION:

Ensure adequate ventilation. Do not inhale vapours or aerosol. Do not smoke or eat at work. The acceptable exposure limit value (AEL) is 1000 ml/m³. Protect eyes and skin with safety goggles and protective gloves. Avoid the skin and eyes contact with the liquid phase: it causes freeze-burns.

9) PHYSICAL AND CHEMICALS FEATURES:

Physical state:	Aerosol containing liquefied gas
Odour:	similar to ether
Colour:	colourless
pH:	neutral
Flash point:	non flammable
Melting point:	(1 bar) -101.0°C.
Density:	at 25°C 1.206 kg/l (liquid)
Vapour pressure:	at 25°C 666.1 Kpa
Boiling point :	(1 bar) -26.5°C.

10) STABILITY AND REACTIVITY:

No decomposition if used following the instructions. No dangerous effects of products decomposition under normal working conditions. Halogen acids may form if used close to high energy sources.

11) TOXICOLOGICAL INFORMATION:

Concentrations over the AEL value may cause narcotic effects. No carcinogenic effects were showed. Inhalation of solvent vapour may give rise to nausea, headaches and dizziness.

12) ECOLOGICAL INFORMATION:

Avoid soil and water contamination when aerosol spray is used.

ODP (Ozone Depletion Potential):	0.00
HGWP (Halocarbon Global Warming Potential):	0.28

13) DISPOSAL INSTRUCTIONS:

The container must be totally emptied and disposed of in authorized collector bins in accordance with the national legislation. Do not empty into drains.

14) TRANSPORT INFORMATION:

U.N. number:	U.N.1950
ADR-RID (Road/Rail):	U.N.1950 AEROSOLS - Class 2.5 A
IMDG (Sea):	U.N.1950 AEROSOLS - Class 2 - Limited Quantities

15) RULE INFORMATION:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Avoid to inhale directly and to spray in the eyes. Avoid improper or excessive use of the product.

Warning symbols:	none
Risk-phrases:	none
Safety phrases:	S2 Keep out of the reach of children. S23 Do not breathe spray S51 Use only in well ventilated areas

The container has been filled in accordance with Directive 75/324/EEC dated 20/05/1975 and subsequent revisions.

The content has not been classified dangerous, according to the Directive 1999/45/EC.

16) ADDITIONAL INFORMATION AND RECOMMENDATIONS:

We recommend using the product as mentioned under point one (1) page one (1) of this safety data sheet. To the best of our knowledge, the information contained herein is accurate. However, neither Due-Ci Electronic, nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

THIS DATA SHEET INVALIDATES AND REPLACES ALL PREVIOUS VERSIONS.