


MATERIAL SAFETY DATA SHEET

Smoke Detector Tester	Revision date: 31/05/2007 Replaces: 04/07/2006
	RESPONSIBLE COMPANY: AEROTRIM N.V. BELGIUM Industrielaan 24 3900 Overpelt Phone:011.64.23.84 Fax:011.66.11.58 Emergency phone: 070.245.245 Emergency phone worldwide: XX32.70.245.245 E-mail:info@aerotrim.be Website:www.aerotrim.be

1. IDENTIFICATION OF THE PRODUCT:

Identification : liquid compound in aerosol, data of section 9 only applicable on liquid part
Kind of product : aerosol
Concentration in use : 100 %

2. HAZARDS IDENTIFICATION:

This is a hazardous preparation with following risks: Extremely flammable.

3. COMPOSITION AND INFORMATION ON DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS N°	EINECS N°
Butane n- (<0,01% Butadiene -1,3)	50 - 100	F+	12	106-97-8	203-448-7
Propane	25 - 50	F+	12	74-98-6	200-827-9
Silicones derivates	0,5 - 2,4	Xn	20	73559-47-4	-

4. FIRST AID MEASURES:

Always ask medical advice as soon as possible should serious or continuous disturbances occur

Skin contact : none

Eye contact : rinse first with plenty of water and seek medical attention

Ingestion : rinse mouth with water and and seek medical attention

Inhalation : in case of serious or continuous discomforts: remove to fresh air and seek medical attention

5. FIRE FIGHTING MEASURES :

Fire extinguishing agents : CO2, foam, powder, sprayed water

Extinguishing agents to be avoided : none

Special preventive measures in case of fire : none

6. ACCIDENTAL RELEASE MEASURES:

Preventive measures : keep in a sealed container, out of reach of children
Personal safety measures : no eating, drinking or smoking during work
Environmental measures : do not allow to flow into sewers or open water
Measures in case of leakage : dilute with water

7. HANDLING AND STORAGE:

Special preventive measures in handling and storing : keep in a sealed container in a closed, frost-free, ventilated room
Packing materials to be avoided : none
Preventive measures : handle with care to avoid spillage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Inhalation protection : universal mask
Skin protection : none
Eye protection : none
Other protection : none
Follows a list of the hazardous elements mentioned
sub 3. of which the TLV value is known :



- Butane n- (<0,01% Butadiene -1,3) 1928
mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES:

Melting point/melting range, °C	: /
Boiling point/Boiling range, °C	: /
pH	: /
pH 1% diluted in water	: /
Vapour pressure/20°C, Pa	: 853000
Relative density/20°C	: 0,980
Physical state/20°C	: liquid
Flash point, °C	: >101
Ignition point, °C	: 365
Solubility in water	: insoluble
Odour	: odourless
Dynamic viscosity, mPa.s/20°C	: 20
Kinematic viscosity, mm ² /s/20°C	: 20
Volatile organic component (VOC), %	: 98
Volatile organic component (VOC), g/l	: 534

10. STABILITY AND REACTIVITY:

Dangerous reactions with : none known
Circumstances to be avoided : none known

11. TOXICOLOGICAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 3
Calculated acute toxicity, LD50 Oral Rat: 4854 mg/kg

12. ENVIRONMENTAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 3
Biological degradability : not applicable
Water hazard class, WGK: /

13. DISPOSAL CONSIDERATIONS:

Draining into the sewers is not permitted. Removal should be carried out by licensed services.
Possible restrictive regulations by local authority should always be adhered to.

14. TRANSPORT INFORMATION:

Class & number	:	5F
Identification number of the hazard	:	
Identification number of the substance	:	UN 1950, Aerosols, flammable, , (D)
Labels	:	2.1



15. REGULATORY INFORMATION:

Labels:



Extremely flammable

Risk phrases

R12 Extremely flammable.

Safety phrases

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S2 Keep out of reach of children.

S3 Keep in a cool place.

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe spray.

S46 If swallowed, seek medical advice immediately and show this container or label.

S51 Use only in well ventilated areas.

Contains

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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. Do not smoke.

16. OTHER INFORMATION:

R-Phrases, mentioned in point 3, not of application on the preparation.

Risks connected to the preparation and its hazardous components : R12 Extremely flammable. R20 Harmful by inhalation.

Reason of revision, changes of following items: 14, 16

Composition by regulation (EC) No 648/2004: Aliphatic hydrocarbons >30%

This safety information sheet has been compiled in accordance with annex II of the REACH-directive EG 1907/2006. Classification has been calculated in accordance with the European directive 67/548/EWG, 1999/45/EC and regulation 1272/2008 with their respective amendments. It has been compiled with the utmost care, we cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned.

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