

TRADE GRADE PRODUCTS LTD

MATERIAL SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

16/08/2006 Revision 3

Product name Tradetack STAB

Product type Aerosol Adhesive

Supplier Trade Grade Products Limited

Address 10 Victory Close
Woolsbridge Industrial Park
Three Legged Cross
Wimborne
Dorset
BH21 6SX

Emergency telephone number 01202 820177

2. Composition / Information on Ingredients.

Dangerous components / constituents

<u>CAS / Registry no.</u>	<u>Material description</u>	<u>% Content</u>	<u>Health (class)</u>	<u>Risk (R No.)</u>
75-09-2	Dichloromethane	30-55	Irritant, Xn	R40
74-98-6	Propane	15-30	F+	R12
106-97-8	Butane / Isobutane	15-30	F+	R12

3. Hazards Identification.

Pressurised container. Extremely flammable. May form a flammable or explosive mixture with air during use. Vapours may cause drowsiness or dizziness. Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment. Solvent abuse can kill instantly.

4. First Aid Measures.

First aid – Inhalation Move to exposed person to fresh air immediately. Keep the affected person warm and at rest. Get prompt medical attention.

First aid – Skin Wash the skin immediately with plenty of soap and water. Seek medical attention if irritation persists after washing.

First aid – Eye DO NOT DELAY. Rinse the eye with water immediately. Seek medical attention.

First aid – Ingestion DO NOT INDUCE VOMITING. Immediately rinse the mouth and provide fresh air. Seek medical attention immediately.

5. Fire-fighting Measures.

Extinguishing media – small Small fires can be extinguished using powder, foam or CO₂.

Extinguishing media – large Large fires can be extinguished using powder, foam or CO₂.

Unusual fire & explosion hazard Possible risk of can rupture when exposed fire / high temperatures. Contents of aerosol will add to fuelling of fire. Solvent vapours may form explosive mixtures with air.

Hazardous decomposition products Fire or high temperatures can create carbon monoxide (CO), carbon dioxide (CO₂) and other hydrocarbon combustion products.

6. Accidental Release Measures.

Clean up method Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Provide ventilation and confine spill.

7. Handling and Storage.

Handling	Keep away from heat, sparks and open flames. Read and follow the manufacturers recommendations. Do not spray near a naked flame or any incandescent material.
Storage	Flammable / combustible. Store at moderate temperature in dry well ventilated area. Keep away from heat, sparks and open flames. Protect from sunlight and do not expose to temperatures exceeding 50°C

8. Exposure Controls / Personal Protection.

Occupational exposure standards

<u>Ingredient name</u>	<u>CAS No.</u>	<u>STD</u>	<u>LT EXP (8 hrs)</u>	<u>ST EXP (10 min)</u>
Dichloromethane	75-09-2	MEL	100ppm	300ppm
Propane	74-98-6	OES	Asphyxiating	Asphyxiating
Butane / Isobutane	106-97-8	OES	600ppm	750ppm



Protective equipment	
Respiratory protection	No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
Hand protection	Chemical resistant gloves required for prolonged or repeated exposure. The use of a suitable barrier cream is advised, but not as a substitute for gloves.
Eye protection	Safety goggles / glasses are advised if there is a risk of eye contact.
Ventilation	No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

9. Physical and Chemical Properties.

Appearance	Aerosol container with a mixture of active ingredients, solvents and propellant.
Odour	Solvent
Physical data	A flash point method is not available for aerosols but the major hazardous component, the propellant, has a flashpoint of <-40°C with flammability limits of 9.2% vol. Upper and 1.8% vol. Lower.
Auto-ignition temperature	410 / 580°C

10. Stability and Reactivity.

Stability	In use, may form flammable / explosive vapour-air mixture. Immiscible with water.
Conditions to avoid	No known hazardous reactions when used for its intended purpose. Avoid heat, flames and other sources of ignition.

11. Toxicological Information.

Health warnings	Vapour concentrations above the recommended exposure limit are irritating to the and respiratory tract, may cause headaches and dizziness are anaesthetic and may Have central nervous system effects. Concentrating and inhaling the gas / spray can lead to abnormal heart rhythms and possibly death. Irritating to eyes and mucous membranes. Irritating to skin.
Route of entry	Inhalation
Target organs	CNS, Respiratory system, Lungs
Medical symptoms	Narcotic effect, Drowsiness, Dizziness.
Acute chronic health hazards	Repeated exposure may irritate and cause dermatitis, defatting, drying and skin cracking.

12. Ecological Information.

This product has not been tested but contains ingredients which are toxic or very toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. During normal use the volatility of the components and the packaging form, a pressurised container, make entry into the aquatic environment unlikely, however, do not empty or discharge into drains or watercourses. Ensure container is empty before disposal to prevent contents entering watercourses.

13. Disposal Consideration.

Product disposal	Disposal should be in accordance with local, state or national legislation.
Container disposal	Do not pierce or burn container, even after use.
Local legislation	In the UK, surplus product should be declared a 'Special Waste'. Refer to the 'Control of Pollution (Special Waste) Regulations 1980 – SI 1709'.

14. Transport Information.

This product is packed in accordance with the Limited Quantity (LQ) Provisions of CDGCPL2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 3kgd gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show they are transported as Limited Quantities.

Aerosols not so packed and labelled must show the following

Road / Rail (GB)

Mark: Aerosols, UN 1950,
Class 2, Div 2.1

Label for conveyance: Flammable Gas (Class 2)

Road / Rail (ADR / RID)

Mark: UN1950 Aerosols,
2, 5°F, ADR,

Label for conveyance: Label Model Number 3, Flammable

Air (ICAO / IATA)

Mark: Aerosols, UN1950,
Sea transport class 2,
IMDG Page No 2102

15. Regulatory Information.

Label for supply:

EXETREMELY
FLAMMABLE

- Pressurised container: protect from direct 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. Flammable. Do not breathe spray. Use only in well ventilated areas.
- The COSHH Regulations apply in the UK
- The CHIP Regulations apply in the UK.
- The Environmental Protection Act applies in the UK
- The data given here is based on current knowledge and experience. This safety data sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the products properties.

Risk phrases

R12	Extremely flammable.
R18	In use, may form flammable / explosive vapour-air mixture.
R52/53	Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

Safety phrases

S2	Keep out of reach of children.
S16	Keep away from sources of ignition – NO SMOKING.
S23	Do not breathe vapour.
S29	Do not empty into drains, sewers or watercourses.
S51	Use only in well ventilated areas.

UK Regulatory Information

Health and Safety at Work 1974

The Control of Substances Hazardous to Health Regulations 1988

HSE EH40/2002 Occupational Exposure Limits

The Chemicals (Hazard Information & Packaging for Supply) Regulations 2002

EC Directives

Aerosols Directive 75/324/EEC as amended by 94/1/EEC

Dangerous Preparations Directive 1999/45/EEC

Labelling Directive 91/155/EEC as amended by 93/112/EEC

Safety Data Sheet Directive 91/155/EEC

Statutory Instruments

The Consumer Protection Act 1987 SI1140

The Aerosol Dispensers Regulations 1977 & 1997

The Health & Safety At Work Act 1974

Approved Code of Practice

The control of substance hazardous to health.

British Aerosol Manufacturer Code of Practice, 7th Edition 1999

16. Other Information.

Date issued 16/08/2006 Revision 3

Other information The information provided in this data sheet is based on our current knowledge of the product and is intended to describe it for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.