

SAFETY DATA SHEET

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Revision Date: 19/09/2000
REF.: PBS400

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name: ANTI - SPATTER SPRAY
Product code: PBS400
Supplier: ELECTROLUBE
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation

Chemical Name	CAS-No.	EC-No.	Class	Weight %
METHYLENE CHLORIDE	75-09-2	200-838-9	Carc. Cat.3; R40	> 50
1,1,1,2-TETRAFLUOROETHANE (134a)	811-97-2	213-377-0		< 50
NON HAZARDOUS CONSTITUENTS				< 50

3. HAZARDS IDENTIFICATION

Most important hazards: Harmful. Possible risks of irreversible effects.
Specific hazards Solvents may degrease the skin.: May cause skin irritation and/or dermatitis.. High concentration of vapours may cause irritation to eyes and respiratory system and produce narcotic effects.. Carc. Class 3

4. FIRST AID MEASURES

General advice: If victim is unconscious but breathing: Do not induce vomiting.. Never give anything by mouth to an unconscious person..
Inhalation: Move to fresh air.. If victim has stopped breathing: Oxygen or artificial respiration if needed.. Even if there are no symptoms or symptoms not apparently due to the substances send to a doctor and show him this card.
Skin contact: Wash off with plenty of water..
Eye contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.. Consult a physician..
Ingestion: Do not induce vomiting.. Call a physician immediately..

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Extinguish with waterspray, foam or dry powder.
Extinguishing media which must not be used for safety reasons: Do not use water jet.
Specific hazards: Burning produces irritant fumes. : Hydrogen chloride gas.
Special protective equipment for firefighters: Wear self contained breathing apparatus for fire fighting if necessary..
Specific methods: Cool containers / tanks with spray water..

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Keep people away from and upwind of spill/leak..
Environmental precautions:	Do not let product enter drains.. Avoid subsoil penetration..
Methods for cleaning up:	Soak up with inert absorbent material.. Shovel into suitable container for disposal..

7. HANDLING AND STORAGE

Handling:	Do not breathe vapours or spray mist.. Use only in area provided with appropriate exhaust ventilation.. Vapours are heavier than air and may spread along floors..
Storage:	Store in a cool and shaded area.. Ensure adequate ventilation..

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name:	National occupational exposure limits: HSC(EH40)
METHYLENE CHLORIDE	(MEL) Long term (8 hrs) = 100ppm / 350mgm ⁻³ Short term (15 min) = 300ppm / 1060mgm ⁻³
1,1,1,2-TETRAFLUOROETHANE (134a)	Long term (8 hrs) = 1000ppm / 4240mgm ⁻³
NON HAZARDOUS CONSTITUENTS	
Engineering measures:	Ensure adequate ventilation, especially in confined areas.. Use only in well-ventilated areas..
Personal protective equipment:	
- Respiratory protection:	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators..
- Hand protection:	solvent-resistant gloves (butylrubber)
- Eye protection:	safety glasses with side-shields
- Skin and body protection:	wear personal protective equipment
Hygiene measures:	Keep away from food, drink and animal feeding stuffs.. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	liquid
Colour:	colourless
Odour:	solvent
Autoignition temperature:	465 °C
Vapour pressure:	471 hPa
Relative density:	(20 °C) >= 0.95

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Keep away from heat and sources of ignition.
Materials to avoid:	Aluminium powder, alkali metals, amines, potassium, sodium.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours. - Hydrogen chloride gas, phosgene, chlorine.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	Methylene chloride: LD50/oral/rat = 1500 - 2500mg/kg
Local effects:	May cause eye or skin irritation with susceptible persons.. Inhalation of vapours in high concentration may cause irritation of respiratory system..
Sensitisation:	Prolonged skin contact may cause skin irritation..

Long term toxicity:	An excessive exposure of laboratory animals results in toxic effects on the kidney and the liver.. Blood disorder may occur after prolonged inhalation.. Methylene chloride is not believed to pose a measureable carcinogenic risk to humans, when handled as recommended.
Chronic toxicity:	Methylene chloride has been shown to increase the rate of spontaneously occurring tumours in the B6C3F1 mouse and benign tumours in laboratory rats.

12. ECOLOGICAL INFORMATION

Mobility:	Insoluble in water.
Persistence and degradability:	Not readily biodegradable (. ? % after . ? days).. No data is available on the product itself..
Bioaccumulation:	Bioconcentration factor (BCF) (methylene chloride) = 2.3.
Ecotoxicity effects:	Aquatic toxicity is unlikely due to low solubility..

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:	Dispose of as special waste in compliance with the Control of Pollution (Special Waste) Regulations 1980..
Contaminated packaging:	In accordance with local and national regulations.. Do not pierce or burn even when empty.

14. TRANSPORT INFORMATION

UN-No:	1950	Marine pollutant:	No
ADR/RID			
Class:	2	Item:	5 ° T
		HI/UN No:	1950
Proper shipping name:	Aerosol dispensers		
Proper shipping name:	not a dangerous substance as defined in the above regulations		
ICAO			
Class:	2.2	UN/ID No.:	1950
Proper shipping name	Aerosol dispensers		

15. REGULATORY INFORMATION

Classification according to European directive on classification of hazardous preparations 90/492/EEC.

- Contains: Dichloromethane.
- Symbol(s):



	Harmful.
R-phrases(s):	R40 - Possible risks of irreversible effects.
S-phrases(s):	S 2 - Keep out of reach of children. S23 - Do not breathe vapour. S24/25 - Avoid contact with skin and eyes. S36/37 - Wear suitable protective clothing and gloves.

16. OTHER INFORMATION

Revision number:	0
Further information:	CN no: 34039990 Contact Name: Carolyn Booth Department: Technical

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