

PRODUCT SAFETY DATA SHEET FOR ANTI-SPATTER SOLVENT-BASED AEROSOL

1. IDENTIFICATION OF PRODUCT

Product Name - Anti-Spatter Solvent-Based Aerosol
Intended Use - No relevant information.
For professional use only.

2. COMPOSITION/INFORMATION OF INGREDIENTS

A blend of chlorinated hydrocarbon solvent(s), release additive(s) and compressed gas propellant.
For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information and Packing) regulations 1993 see under Section 8 of this Safety Data Sheet.

3. HAZARDS IDENTIFICATION

Pressurised 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. Prolonged contact with product may result in the removal of essential fats and may result in dermatitis unless good personal hygiene is used. Deliberately concentrating and inhaling contents of this container is dangerous and can be fatal. Possible risk of irreversible effects.

4. FIRST AID MEASURES

General - In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation - Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped, give artificial respiration. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
Eye Contact - Contact lens should be removed. Irrigate copiously with clean, fresh water for at least ten minutes holding the eyelids apart – seek medical advice.
Skin Contact - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
Ingestion - If accidentally swallowed, obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing Media - Carbon dioxide, Dry powder, Halogenated Hydrocarbons, Sand, Foam.
Not to be used - Water
Special instructions for fire fighting personnel - May evolve toxic, flammable and asphyxiating gases in a fire. Therefore self contained breathing apparatus and an impervious body suit must be worn. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Contain and collect spillages with non-combustible absorbent materials, (e.g. sand, earth) and place in a suitable container for disposal in accordance with the waste regulations. Do not allow large quantities to enter drains or water courses. If it does, local water companies should be contacted. In case of contamination of streams, rivers or lakes, the National Rivers Authority should be contacted.

7. STORAGE AND HANDLING

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent creation of explosive or flammable mixtures and avoid vapour concs higher than the OEL. Avoid skin and eye contact. For personal

protection see Section 8. Good housekeeping and regular removal of waste materials will minimise risks.

Observe the label precautions. Store between 5 - 30°C in a dry, well ventilated place, away from sources of heat, ignition and direct sunlight. No smoking. The principles contained in the HSE's guidance note Storage of Packaged Dangerous substances should be observed when storing this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures - Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.

Substance Name	% Conc Range		OES 8hr ppm	OES 15min. ppm	Risk Phrases	
Dichloromethane	>70% & = <100%		100.00	300.00	40	
Carbon Dioxide	>2.5% & = <10%		5000.00	15000.00		

Notes

Notations = Sk – risk of absorption through skin. Sen – respiratory sensitizer.

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OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

General Protection - All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

Respiratory Protection - Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonable improved.

Hand Protection - Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

Eye Protection - Eye protection designed to protect against liquid splashes should be worn.

Skin Protection - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Clear pale straw coloured liquid	Vapour Density	Heavier than Air
Flash Point		Lower Explosion Limit	
Viscosity		Solubility in Water	Immiscible
Specific Gravity	1.300 gms/cc Method Hydrometer		

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see Section 7). In a fire, hazardous decomposition products such hydrogen chloride, chlorine and phosgene may be produced. Slow Hydrolysis with moisture forms hydrochloric acid. Keep away from oxidising agents, concentrated nitric acid, light metals such as aluminium, strong alkalis, amines and earth metals such as sodium, potassium and magnesium.

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Exposure to organic solvent vapours may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse effects on the renal and central nervous systems. Symptoms include headache, dizziness, fatigue muscular weakness, drowsiness and, in extreme cases, unconsciousness. Splashes in the eyes may cause

irritation and reversible local damage

12. ECOLOGICAL INFORMATION

There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

13. DISPOSAL CONSIDERATIONS

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

14. TRANSPORT INFORMATION

Road/Rail	SI Number 1950	Class ... 2
Sea	Marine Pollutant No Ems 2 – 13 Main Risk ... Harmful Shipping Name .. Aerosol Dispensers Nos.	UN Number 1950 MFAG 260*** Class2

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows :-

Classification	Xn - Harmful Carcinogenic
Contains	DICHLOROMETHANE
Risk Phrases	40 Possible risk of irreversible effects
Safety Phrases	2 Keep out of reach of children 46 If swallowed seek medical advice immediately and show this container or label. 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 23 Do not breathe gas/fumes/vapour/spray.
'P' Phrases	Do not breathe Vapour or Spray.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health and safety legislation.

The provisions of the Health and Safety at Work, etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 8
R40 Possible risk of irreversible effects.

Date of Origination 27.10.94.

Date of last revision 12.03.98.

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging) Regulations. The product should not be used for purposes other than those shown in sect. 1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Further information and relevant advice can be found in :-

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988: 1657)
The Manual Handling Operations Regulations 1992 (SI 1992: 2793)
Storage of Flammable Liquids in Containers. HS(G)51.
Storage of Packaged Dangerous Substances. HS(G)71.
The Environmental Protection (Duty of Care) Regulations 1992 (SI 1988: 2839)