

SAFETY DATA SHEET
VIKING WELD FREE Spatter Release Spray
10047 1.00 GB Current 18.06.1998

SAFETY DATA SHEET Ref No. 10047

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name GLOBAL VIKING WELD FREE
Manufacturer/Supplier Global Lubricants Limited
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2. COMPOSITION/INFORMATION ON THE COMPONENTS

Preparation - Hazardous Components			
Component	Min%	Max%	EEC Classification
Dichloromethane	60.00	100.00	Harmful R40

3. HAZARD IDENTIFICATION

Main Hazards Harmful by inhalation. Possible risk of irreversible effects.

Health Effects -Eyes Liquid may cause slight transient irritation.

Health Effects - Skin Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

Health Effects - Ingestion Swallowing may have the following effects:- dizziness. light headedness. drowsiness. nausea.

Health Effects - Inhalation Exposure to vapour at high concentrations may have the following effects:- dizziness. light headedness. drowsiness. headache.

4. FIRST AID MEASURES

First Aid – Eyes Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

First Aid - Skin Wash skin with soap and water. Apply a reconditioning skin cream.

First Aid - Ingestion Do not induce vomiting. Obtain medical attention.

First Aid - Inhalation Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

Advice to Physicians The use of adrenaline and similar sympathomimetic drugs are contra- indicated.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ventilate the area. Wear appropriate protective clothing. Material can create slippery conditions underfoot.
Environmental Precautions Spillages	Try to prevent the material from entering drains or water courses. Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

Handling	Use in well ventilated area. Guard against the possibility of weld spatter piercing the container.
Storage	Storage area should be: out of direct sunlight. Storage temperature should be kept below 50 °C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards

Dichloromethane	UK EH40: MEL 100ppm 8h TWA. UK EH40: MEL 300ppm 15min TWA.
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection if there is a risk of exposure to high vapour concentrations.
Hand Protection Eye Protection	Use a good quality barrier cream. Chemical goggles if there is a risk of eye contact.
Body Protection Protection During Application	Normal work wear. During application, adequate ventilation must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid.
Colour	Amber.
Odour	Characteristic.
Boiling Range/Point (°C)	40 (based on major component)
Flash Point (PMCC) (°C)	Exceeds 150.
Explosion Limits (%)	14.8 to 22.0. (based on major component)
Solubility in Water	Insoluble.
Vapour Pressure (mm. Hg./20 °C)	340
Density (kg/m³)	>1. (measured as kg/litre)
Auto-flammability (°C)	Above 150.
Viscosity (cSt)	Mobile liquid at ambient temperatures.
Vapour Density	Heavier than air.

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to Avoid	Exposure to direct sunlight. Temperatures in excess of 50 °C.
Materials to Avoid	Strong oxidising agents. Metals such as sodium, potassium and barium. Fine powders of light metals and their alloys such as Al, Mg, Zn, Ti, etc.
Hazardous Decomposition Products	Contact with naked flames or red hot surfaces may produce: hydrogen chloride, phosgene. Combustion may also generate: smoke, possibly thick and choking, resulting in zero visibility.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Harmful by inhalation.
Chronic Toxicity/ Carcinogenicity	A component of this product is classified by EEC as a category 3 carcinogen:- substances which cause concern owing to possible carcinogenic effects but in respect of which the information is not adequate for a satisfactory assessment. In view of the postulated mechanism and the high dose levels required to induce tumours experimentally, exposures to this product within recommended standards are not

12. ECOLOGICAL INFORMATION

Mobility	The product will leach into soil. If released to water the product will sink.
Persistence/ Degradability	The product is expected to be resistant to biodegradation.
Bio-accumulation	Product is not expected to bioaccumulate.

13. DISPOSAL

Container Disposal Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.

14. TRANSPORT INFORMATION

UN Number 1950
UN Proper Shipping Name Aerosols, non-flammable, n.o.s, containing substances in Division 6.1, Packing Group III.

UN Class 2.2
UN Packaging Group III
ADR/RID Substance Identification Number 1950
ADR/RID - Description Aerosols.
ADR/RID - Class 2.2
ADR/RID - Item No. 10at
IMDG - Name Proper Shipping Aerosol Dispensers.

IMDG - Packaging Group II
IMDG - Class 9
IMDG - Marine Pollutant No.

IMDG - Ems Number 2-13
IMDG - MFAG Table Number 340
IATA Name - Proper Shipping Aerosols, non-flammable, n.o.s, containing substances in Division 6.1, Packing Group III
IATA - Packaging Group II
IATA - Class 2.2
IATA - Subsidiary 6.1 Risks

Tremcard No. TEC(R) 20G26

15. REGULATORY INFORMATION

Labelling Information Harmful

R phrases Harmful by inhalation. Possible risk of irreversible effects.

S phrases Do not breathe spray. Avoid contact with skin. In case of insufficient ventilation, wear suitable respiratory equipment. Keep out of reach of children.

16. OTHER INFORMATION

MSDS first issued 18.06.98
MSDS data revised
Product Use For industrial use only. Prevention of weld spatter adhesion.

17. NATIONAL LEGISLATION

EC Legislation

EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.
EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations.
EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the Laws of Member States relating to aerosol dispensers.

UK Guidance Publications

EH40, Occupational Exposure Limits,
HSE. Revised Annually.