SAFETY DATA SHEET

HIGH TEMPERATURE SPRAY ADHESIVE AEROSOL 500ml – LINEFLEX CAN

SECTION 1; IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name	EPDM SPRAYABLE CONTACT
Product No.	EPDM SPRAYABLE CONTACT

1.2. Relevant identified uses of the substances or mixture and uses advised against

Identified uses	Spray adhesive

1.3. Details of the supplier of the data sheet

Supplier	Abrabond Ltd Edwin Avenue Hoo Farm Industrial Estate Kidderminster Worcs DY11 7RA

1.4. Emergency telephone number

+44 (0) 1562 753334

Mon – Thurs 08.30-17.00: Fri 08.30-16.30

SECTION 2; HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and chemical hazards	Extremely Flam. Aerosol - H222
	Human health	Carc.2 – H351 Skin. Irrit. 2 – H315 Eye Irrit. 2 – H319 STOT SE 3 – H336
	Environment	Not Classified

2.2 Label Elements

Contains DICHLOROMETHANE

Label in Accordance with (EC) No. 1272/2008

Signal word Danger

Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated
H351	Suspected of causing cancer
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness

Precautionary Statements

P102	Keep out of reach of children
P210	Keep away from heat/sparks/open flames/hot surfaces – No Smoking.
P251	Pressurized container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P281	Use personal protective equipment as required.
P501	Dispose of contents/container in accordance with Local Regulations.

Supplementary precautionary statements

P273	Avoid release to the environment.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.Continue Rinsing.
P308+313	If exposed or concerned: Get medical advice/attention
P410+412	Protect from sunlight. Do not expose to temperatures Exceeding 50°C/122°F.

Supplement label information

2.3. Other hazards

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 naked flame or any incandescent material – NO SMOKING.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

DICHLOROMETHANE	10-30%
CAS-No.: 75-09-2 EC No.: 200-838-9	

Classification (EC 1272/2008 Carc.Cat 2 – H351 Skin Irrit Cat 2 – H315 Eye Irrit Cat 2 – H319 STOT SE Cat 3 – H336

PETROLEUM GASES LIQUIFIED	30-40%
CAS- No.: 68476-85-7 EC No.: 270-704-2	
Classification (EC 1272/2008) Flam. Gas 1- H220	

The full text for all hazard statements are displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Inhalation

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately

Skin contact

Wash the skin immediately with soap and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if any discomfort continues.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling section 2.2, and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Extinguishing media

Fire can be extinguished using: foam; carbon dioxide; dry powder

5.2 Special hazards arising from the substance or mixture

Unusual fire & Explosion hazards

Canisters may explode in fire.

Toxic gases/vapours/fumes of: Carbon Dioxide (CO_2). Carbon Monoxide (CO)

5.3 Advice for firefighters

Wear self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
Avoid skin and eye contact. Ensure adequate ventilation. Avoid breathing vapours, mist or gas. Wear personal protective equipment (see section 8).

6.2 Environmental precautions
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environment Agency or other regulatory body. Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up
Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth, and place into containers.

6.4 Reference to other sections
Wear protective clothing as described in section 8 of this safety data sheet. For waste disposal see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities
Must not be exposed to direct sunlight or temperatures above 50°C.

7.3 Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Name	STD	TWA – 8 Hrs		STEL – 15 Min		Notes
DICHLOROMETHANE	WEL	100 ppm(Sk)	353 mg/m3(Sk)	200 ppm (Sk)	706 mg/m3 (Sk)	IRELAND TWA:50ppm TWA:174 mg/m3 STEL:150ppm STEL:552 mg/m3
PETROLEUM GASES LIQUIFIED	WEL	1000 ppm (Sk)	1250 mg/m3(Sk)	1250 ppm(Sk)	2180 mg/m3(Sk)	IRELAND TWA:500ppm TWA:625mg/m3 STEL:625ppm STEL:1090mg/m3

WEL = Workplace exposure limit.

Ingredient comments

8.2 Exposure controls

Protective equipment

Appropriate engineering controls

Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection

Chemical splash goggles or face shield. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

Hand protection

Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Nitrile rubber.

Other skin and body protection

Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Wear protective clothing.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Use respirators and components tested and approved under appropriate government standards such as CEN (EU).

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

(a) Appearance	Canister/Aerosol.
(b) Odour	Chlorinated Hydrocarbon
(c) Odour Threshold	No data available
(d) pH	No data available
(e) Melting point/freezing point	No data available
(f) Initial boiling point and boiling range	40 (°C)
(g) Flash point	Estimated at -35^{o}C
(h) Evaporation point	No data available
(i) Flammability (solid gas)	No data available
(j) Upper/lower flammability Or explosive limits	No data available
(k) Vapour pressure	No data available
(l) Vapour density	No data available
(m) Relative density	No data available
(n) Water solubility	Slightly soluble in water; soluble in chlorinated hydrocarbons

(o) Partition coefficient	
n-octanol/water	No data available
(p) Auto-ignition temperature	No data available
(q) Decomposition temperature	No data available
(r) Viscosity	No data available
(s) Explosive properties	No data available
(t) Oxidising properties	No data available.

9.2. Other information

Can pressure 70psi.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No data available.

10.2 Chemical stability

Avoid heat, sparks, and flames, stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid heat, flames and other sources or ignition. Avoid contact with: Strong oxidising agents, Strong alkalis and Strong mineral acids.

10.5 Incompatible materials

Materials to avoid

Strong acids, strong oxidising substances and strong alkalis.

10.6 Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO); Carbon Dioxide (CO_2); Phosgene ($COCl_2$); Hydrogen Chloride (HCl). Slow hydrolysis with water forms hydrochloric acid.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

LD_{50} Oral – Rat - >2,000 mg/kg

Inhalation

LD_{50} Inhalation – Rat – 52,000 mg/m³

Skin contact

Skin – Rabbit

Result: Irritating to skin – 24 hr

(Draize Test)

Eye contact

Eyes – Rabbit

January 2021
Result: Irritating to eyes – 24 hr
(Draize Test)

Carcinogenicity
Carcinogenicity – Rat – Inhalation
Tumorigenic: Carcinogenic by RTECS criteria. Endocrine: Tumours
Limited evidence of carcinogenicity in animal studies.
Suspected human carcinogens
IARC: 2B – Group 2B: Possible carcinogenic to humans (Methylene Chloride)

Specific Target Organ Toxicity – Single Exposure
May cause respiratory irritation.
May cause drowsiness or dizziness

Aspiration Hazard
No data available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
Not regarded as dangerous to the environment. However, contamination of the aquatic or terrestrial environments should be avoided

12.1 Toxicity

Toxicity to fish	LC50 – Pimphales promelas (fathead minnow) – 193.00 mg/l – 96 hr
	NOEC – Cyprindon variegatus (sheepshead minnow) – 130 mg/l – 96 hr
Toxicity to daphnia and other Aquatic invertebrates:	EC50 – Daphnia magna (Water flea) – 27 mg/l – 48 hr

12.2 Persistence and degradability
Biodegradability result <26% - Not readily biodegradeable

12.3 Bio accumulative potential
Does not bioaccumulate

12.4 Mobility in soil
No data available

12.5 Results of PBT and vPvB Assessment
Contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects
No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

Section 14. Transport information

14.1 UN Number

UN No (ADR/RID/ADN)	1950
UN No (IMDG)	1950
UN NO (ICAO)	1950

14.2 UN Proper Shipping Name

ADR/IMDG/AND/RID	AEROSOLS
IATA	Aerosols Flammable

14.3 Transport Hazard Class(es)

ADR/RID/ADN Class	2.1
ADR/RID/ADN Class	Class 2: Gases
ADR Label No	2.1 & 6.1
IATA	2.1
IMDG Class	2.1
ICAO Class/Division	2.1
ICAO Subsidiary Risk	6.1
ICAO TEC* No	20GSF
Air Class	2.1
UK Road Class	2.1
Transport Labels	L.Q.

14.4 Packing Group

Not Applicable

14.5 Environmental Hazards

Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available

14.6 Special Precautions for user

Overland Transport

Classification Code (ADR):	5F
Special Provisions (ADR):	190,327,344,625
Limited Quantities (ADR):	1l
Excepted Quantities (ADR):	E0
Packing Instructions (ADR):	P207,LP02
Special Packing provisions (ADR):	PP87, RR6, L2
Mixed Packing provisions (ADR):	MP9
Transport Strategy (ADR):	2
Special provisions for carriage – Packages (ADT)	V14
Special Provisions for carriage – Loading, unloading and handling (ADR):	CV9, CV12
Special provisions for carriage – Operation (ADR):	S2
Tunnel Restriction Code:	D

Transport by Sea

Special Provisions (IMDG):	63,190,277,327,344,959
Limited Quantities (IMDG):	SP277
Excepted Quantities (IMDG):	E0
Packing Instructions (IMDG):	P207,LP02
Special Packing provisions (IMDG):	PP87,L2

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