

Flexiline Tack Coat



"maintenance made easy"

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

Product Name: **FLEXILINE TACK COAT**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Physical hazards

Aerosol 1 - H222, H229

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373

Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

Carc. Cat. 3;R40. F+;R12.

Human health

Gas or vapour is harmful on prolonged exposure or in high concentrations. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Environmental

The product is not expected to be hazardous to the environment.

Physicochemical

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

Hazard pictograms:



Signal word: Danger

Hazard statements: H319: Causes serious eye irritation.
 H351: Suspected of causing cancer.
 H336: May cause drowsiness or dizziness.
 H222: Extremely flammable aerosol.
 H229: Pressurised container: may burst if heated
 H373: May cause damage to organs through prolonged or repeated exposure.
 H315: Causes skin irritation.
 H335: May cause respiratory irritation.

Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P211: Do not spray on an open flame or other ignition source.
 P251: Do not pierce or burn, even after use.
 P260: Do not breathe vapour/spray.
 P271: Use only outdoors or in a well-ventilated area.
 P308+P313: IF exposed or concerned: Get medical advice/attention.
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
 P102: Keep out of reach of children.
 P280: Wear protective clothing and gloves.
 P501: Dispose of contents/container in accordance with local regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:

EINECS	CAS No:	Classification	Percent
DICHLOROMETHANE			
200-838-9	75-09-2	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Carc. 2 - H351; STOT SE 3 - H335, H336; STOT RE 2 - H373	60 - 100%
PROPANE			
200-827-9	74-98-6	Flam. Gas 1 - H220, Press. Gas	10 - 30%
BUTANE			
203-448-7	106-97-8	Flam. Gas 1 - H220, Press. Gas	5 - 10%
ISOBUTANE			
200-857-2	75-28-5	Flam. Gas 1 - H220, Press. Gas	1 - 5%
ALIPHATIC HYDROCARBON			
265-191-7	64742-88-7	Flam. Liq. 3 - H226; Skin Irrit. 2 - H315 Asp. Tox. 1 - H304; Aquatic Chronic 2 - H411	1 - 5%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

Inhalation: If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes and get medical attention.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water.

If swallowed: Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media:

In the event of fire, use specifically suitable extinguishing agents. Never use water. Keep packages near the fire cool, to prevent pressurised containers from bursting. Extinguish with foam, carbon dioxide, dry powder or water fog.

Special Fire Fighting Procedures:

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

Unusual Fire & Explosion Hazards:

Containers can burst violently or explode when heated, due to excessive pressure build-up. Extremely flammable. Forms explosive mixtures with air. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Containers can burst violently or explode when heated, due to excessive pressure build-up.

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SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions:**

Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Avoid inhalation of vapours.

Environmental Precautions:

Avoid the spillage or runoff entering drains, sewers or watercourses. Contain spillage with sand, earth or other suitable non-combustible material.

Spill Cleanup Methods:

Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material. Leave small quantities to evaporate, if safe to do so. Do not allow material to enter confined spaces, due to the risk of explosion.

SECTION 7: HANDLING AND STORAGE**Precautions on safe handling:**

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray on a naked flame or any incandescent material.

Conditions for safe storage, including any incompatibilities:

Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well-ventilated area. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Occupational exposure limits****DICHLOROMETHANE**

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m³(Sk)

PROPANE

Long-term exposure limit (8-hour TWA): SUP ppm

Short-term exposure limit (15-minute): SUP ppm

BUTANE

Long-term exposure limit (8-hour TWA): WEL 600 ppm

Short-term exposure limit (15-minute): WEL 750 ppm

ISOBUTANE

Long-term exposure limit (8-hour TWA): WEL 800 ppm

Short-term exposure limit (15-minute): WEL No std.

ALIPHATIC HYDROCARBON

Long-term exposure limit (8-hour TWA): SUP 600 mg/m³

WEL = Workplace Exposure Limit

Engineering Controls: Provide adequate ventilation. Avoid inhalation of vapours and spray/mists. Observe any occupational exposure limits for the product or ingredients.

Protection Measures: When using do not smoke.

Hand Protection: Due to the packaging form, aerosol, risk of skin contact is small. Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Eye Protection: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

Hygiene Measures: Wash hands after handling. Wash promptly if skin becomes contaminated. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Respiratory Protection: If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Aerosol.
Odour: Organic solvents.
Flash point: <-40°C
Upper/lower flammability or explosive limits: 1.8
Auto-ignition temperature: 410-580°C

SECTION 10: STABILITY AND REACTIVITY

Chemical stability: Avoid the following conditions: Heat, sparks, flames.
Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.
Hazardous Decomposition Products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION**General information:**

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

Inhalation: In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

Skin contact: Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact: Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards:

Arrhythmia (deviation from normal heart beat). In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Route of entry: Inhalation.

Target organs: Central nervous system Respiratory system, lungs.

Medical symptoms:

Arrhythmia (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

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SECTION 13: DISPOSAL CONSIDERATIONS

General information: Do not puncture or incinerate, even when empty.
 Disposal Methods: Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
 Containers should be thoroughly emptied before disposal because of the risk of an explosion. Empty containers must not be punctured or incinerated because of the risk of an explosion.

SECTION 14: TRANSPORT INFORMATION

UN Number: 1950 UN1950 = AEROSOLS, flammable.

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	2	5F	-	2.1	-	1 L	190 327 344 625	E0	2	D

IMDG	Class	2 nd Label	Pack gr.	LQ	EMS	Provis.	EQ
	2.1	See SP63	-	SP277	F-D,S-U	63 190 277 327 344 959	E0

IATA	Class	2 nd Label	Pack gr.	Passenger	Passenger	Cargo	Cargo	Note	EQ
	2.1	-	-	203	75 kg	203	150 kg	A145 A167 A145 A167 A802	E0
	2.1	-	-	Y203	30 kg G	-	-	A145 A167 A802	E0

SECTION 15: REGULATORY INFORMATION**National regulations**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Safety Data Sheets for Substances and Preparations. Approved Classification and Labelling Guide (Sixth edition) L131. British Aerosol Manufacturers Code of Practice 7th. Edition 1999.

SECTION 16: OTHER INFORMATION**Hazard statements**

in full: H220 Extremely flammable gas.
 H222 Extremely flammable aerosol.
 H226 Flammable liquid and vapour.
 H229 Pressurised container: may burst if heated
 H304 May be fatal if swallowed and enters airways.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H351 Suspected of causing cancer.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H373 May cause damage to organs through prolonged or repeated exposure if inhaled.
 H411 Toxic to aquatic life with long lasting effects.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request.

The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process. This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

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