



SAFETY DATA SHEET

Grout Protector Spray

LTP/15

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

PRODUCT NAME	LTP Grout Protector Spray
APPLICATION	Protection of porous grout joints from penetration by water and household contaminants.
Part No	LTP/15
Supplier	Lionheart Terracotta Products Tone Industrial Estate Milverton Road Wellinton Somerset TA21 0AN Telephone: 01823 666213 Fax: 01823 665685 Email: info@ltp-online.co.uk
EMERGENCY TELEPHONE	0870 190 6777

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1,2,4-TRIMETHYLBENZENE		95-63-6	1-5%	Xn;R20. Xi;R36/37/38. N;R51/53. R10.
BUTYL ACETATE -norm	204-658-1	123-86-4	10-30%	R10 R66 R67
ETHYLBENZENE	202-849-4	100-41-4	< 1%	F;R11 Xn;R20
MESITYLENE	203-604-4	108-67-8	< 1%	R10 Xi;R37 N;R51/53
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT (WHITE SPIRIT)		64742-82-1	30-60%	Xn;R65. N;R51/53. R10,R66.
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY; LOW BOILING POINT HYDROGEN		64742-48-9	1-5%	Xn;R65. R10,R66.
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE	265-191-7	64742-88-7	10-30%	Xn;R65
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The ingredients listed in section 2 (if any) are limited to those having Occupational Exposure Limits or are classified within the CHIP regulations.

3. HAZARDS IDENTIFICATION

Flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R65. N;R51/53. R10, R66, R67.

HUMAN HEALTH

The product presents no risk to human health once dried.

4. FIRST-AID MEASURES

GENERAL INFORMATION

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

INHALATION

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Get medical attention if any discomfort continues.

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INGESTION

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc. DO NOT use direct water jet as this will scatter and spread the fire.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Use water SPRAY only to cool containers until well after the fire is out. Do not use water on leaked material as this will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

UNUSUAL FIRE & EXPLOSION HAZARDS

Vapours are heavier than air and may spread near ground to sources of ignition. May travel considerable distance to source of ignition and flash back.

SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Remove all sources of ignition. Ventilate area. Avoid breathing vapours. Wear suitable protective clothing as specified under section 8 of this safety data sheet - Exposure Controls and Personal Protection.

ENVIRONMENTAL PRECAUTIONS

Do not allow spilled material to enter drains or water courses.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers. Dispose of in accordance with Local Authority Regulations via a licensed waste carrier. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid inhalation of vapours/spray and contact with skin and eyes.

USAGE DESCRIPTION

Use only in a well ventilated area.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Store away from Acids. Oxidising material.

STORAGE CLASS

Flammable liquid storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m ³	ST - ppm	ST - mg/m ³
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m ³	200 ppm	966 mg/m ³
NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT (WHITE SPIRIT)	WEL		1000 mg/m ³		
XYLENE	WEL	50 ppm(Sk)	220 mg/m ³ (Sk)	100 ppm(Sk)	441 mg/m ³ (Sk)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

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PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Use only in a well ventilated area. Must not be used in confined spaces without sufficient ventilation.

ENGINEERING MEASURES

Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Use protective gloves made of: Nitrile.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Black		
ODOUR	Hydrocarbon		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	160 - 280 760 mm Hg	RELATIVE DENSITY	0.785 @ 15 °c
VAPOUR PRESSURE	<10 mbar @ 37.8 °c	VISCOSITY	@ °c
FLASH POINT (°C)	38 CC (Closed cup).	AUTO IGNITION	230
		TEMPERATURE (°C)	
		FLAMMABILITY LIMIT - UPPER(%)	6
		FLAMMABILITY LIMIT - LOWER(%)	1

10. STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances. Danger of spontaneous combustion of rags cloths or inert absorbent soaked in oil. Ensure these materials are dealt with properly (see accidental release measures).

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

INHALATION

Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse effects such as irritation of the

mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include

headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

INGESTION

Liquid irritates mucous membranes and may cause abdominal pain if swallowed. Significant absorption may cause sleepiness, intoxication and pulmonary oedema.

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SKIN CONTACT

Acts as a defatting agent on skin. May cause cracking of skin, and eczema. Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

May cause severe irritation to eyes.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

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12. ECOLOGICAL INFORMATION

ECOTOXICITY

Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment

MOBILITY

Water: Insoluble: the product spreads over the surface of the water and will slowly evaporate. Soil: the product has only slight mobility in the soil and will partially evaporate.

BIOACCUMULATION

Likely to bioaccumulate, but with short retention time in the order of a week or less.

DEGRADABILITY

Readily Biodegradable.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION



UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT (WHITE SPIRIT), BUTYL ACETATE -norm)		
UN NO. ROAD	1993	UK ROAD PACK GR	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1993
IMDG CLASS	3	IMDG PAGE NO.	3375
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	
UN NO. AIR	1993	AIR CLASS	3
AIR PACK GR.	III		

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15. REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

CONTAINS NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY; LOW BOILING POINT (WHITE SPIRIT)
SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.; STRAIGHT RUN KEROSENE

RISK PHRASES

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

REVISION DATE 27-09-2007

REV. NO./REPL. SDS GENERATED 001

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R20	Harmful by inhalation.
R20/21	Harmful by inhalation and in contact with skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

This data sheet is compiled to be of assistance but is without guarantee. Users are responsible for safe working.
March 09