



SAFETY DATA SHEET

Barrettine Paint Panther Paint & Varnish Remover

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

PRODUCT NO.	STPPGEN, STPP004, STPP001, STPP0.5
APPLICATION	Paint remover.
SUPPLIER	Barrettine Barrettine Works St Ivel Way Warmley Bristol BS30 8TY 0117 960 0060 0117 935 2437 sales@barrettine.co.uk
EMERGENCY TELEPHONE	0870 190 6777

2 HAZARDS IDENTIFICATION

CLASSIFICATION (1999/45) Xi;R36. F;R11. R31, R67.

CLASSIFICATION (EC 1272/2008)

Physical and Chemical Hazards	Flam. Liq. 2 - H225
Human health	EUH031;Eye Irrit. 2 - H319;STOT Single 3 - H336
Environment	Not classified.

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD Danger

HAZARD STATEMENTS

H225	Highly flammable liquid and vapour.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENTS

P102+405	Store locked up. Keep out of reach of children.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264B	Wash with soap and water after handling.
P260e	Do not breathe vapours.
P370+380	In case of fire: Evacuate area.

SUPPLEMENTARY PRECAUTIONARY STATEMENTS

P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a 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.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P501E	Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Do not allow into drains or water courses or dispose of where ground or surface water may be affected.

Supplemental Label Information (EU)

EUH031	Contact with acids liberates toxic gas.
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ENVIRONMENT

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

HUMAN HEALTH

Splashes in the eyes may cause redness and irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

1-METHOXY-2-PROPANOL	10-30%
CAS-No.: 107-98-2 EC No.: 203-539-1	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT Single 3 - H336	Classification (67/548/EEC) R10 R67
BUTANONE	5-10%
CAS-No.: 78-93-3 EC No.: 201-159-0	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 EUH066 Eye Irrit. 2 - H319 STOT Single 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67
2-(2-BUTOXYETHOXY)ETHANOL	5-10%
CAS-No.: 112-34-5 EC No.: 203-961-6	
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics	5-10%
CAS-No.: EC No.: 919-857-5	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT Single 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC) Xn;R65. R10,R66.
surfactant	1-5%
CAS-No.: EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36/38.

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hydroxypropyl methyl cellulose	<1%
CAS-No.: 9004-65-3	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of exposure. Provide fresh air, first-aid, warmth and rest.
Do not give victim anything to drink if they are unconscious. Get medical attention if any discomfort continues.

INHALATION

If unconscious or breathing is irregular place on their side in the recovery position and ensure their airways are clear.
Artificial respiration may be administered by suitably qualified first-aiders if the patient is unconscious or breathing is difficult.

Get immediate medical attention.

INGESTION

If swallowed do NOT induce vomiting.
Never give anything by mouth to an unconscious person. Rinse mouth thoroughly and seek medical attention if discomfort persists. Keep patient under observation.

SKIN CONTACT

Immediately remove contaminated clothing. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Launder clothing before re-use.

EYE CONTACT

Check for contact lenses which must be removed from the eyes before rinsing.
Promptly rinse eyes with plenty of clean water while lifting the eyelids.
Continue to rinse for at least 15 minutes. Continue until the eyes are free of all traces of contamination.
Get medical attention if any discomfort or irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder, sand, dolomite or other inert material. Do not use high pressure water jet as this may spread burning material.

SPECIFIC HAZARDS

In fire conditions this product may evolve gaseous oxides of carbon and nitrogen as well as giving off intense heat.
Burning material gives off dense smoke and fumes which may contain other toxic and harmful gases. Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

PROTECTIVE MEASURES IN FIRE

Wear self-contained breathing apparatus and full protective clothing. Keep all unnecessary people away. Fire water run-off must not be allowed to contaminate ground or enter drains, sewers or water courses. Provide bunding against fire water run-off.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing (see Section 8).

ENVIRONMENTAL PRECAUTIONS

Do not discharge onto the ground or into water courses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body. Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

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SPILL CLEAN UP METHODS

Keep combustibles away from spilled material. Absorb in vermiculite, sand, diatomaceous earth or other absorbent inert material. Place into clearly labelled container for recovery or disposal (see section 13). Rinse site with copious amounts of water, which should not be allowed into drains, sewers or water courses. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Use only with adequate ventilation. Do not breathe vapour or mist.

Keep away from heat, sparks or flame. Containers and equipment must be bonded to avoid static discharge. Use only electrical equipment suitable for explosive atmospheres. Avoid spilling, skin and eye contact. Wash thoroughly after handling.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm	375 mg/m ³	150 ppm	560 mg/m ³	Sk
2-(2-BUTOXYETHOXY)ETHANOL		10 ppm	67.5 mg/m ³	15 ppm	101.2 mg/m ³	
BUTANONE	WEL	200 ppm(Sk)	600 mg/m ³ (Sk)	300 ppm(Sk)	899 mg/m ³ (Sk)	
hydrocarbons C9-11, n-alkanes, isoalkanes, cyclics, <2% aromatics	WEL		1000 mg/m ³			
hydroxypropyl methyl cellulose		10 mg/m ³ inh. dust	4 mg/m ³ resp.dust			

WEL = Workplace Exposure Limit.

COSHH

Sk = Can be absorbed through skin.

STD

WEL = Workplace Exposure Limits

PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient suitable respiratory protection must be provided.

Seek recommendations and advice from equipment manufacturer or supplier.

HAND PROTECTION

Suitable gloves may include Neoprene, nitrile or PVC.

EYE PROTECTION

Wear tightly fitting safety goggles conforming to EN166 Contact lenses should not be worn when working with this chemical!

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact. Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Promptly remove non-impervious clothing that becomes contaminated.

When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Liquid

BOILING POINT (°C)

ca. 74°C

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FLASH POINT (°C) ca. -6°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal conditions of storage and use. See section 7.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids.

MATERIALS TO AVOID

Strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

DANGEROUS REACTIONS

Contact with hydrochloric acid and/or hydrogen chloride containing or producing materials may form carcinogenic chloromethyl ethers.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Health effects of this preparation as supplied have not been fully determined. The information below should be regarded as precautionary.

INHALATION

In high concentrations, vapours may irritate throat and respiratory system and cause coughing. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

INGESTION

Gastrointestinal symptoms, including upset stomach.

SKIN CONTACT

Can cause de-fatting and dryness of skin, leading to cracking and eczema. Unlikely to cause harm on brief or occasional contact, but prolonged or repeated exposure may lead to dermatitis.

EYE CONTACT

Irritating and may cause redness and pain. Eye contact with methanol or its vapour can cause blindness.

ROUTE OF ENTRY

Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Empty containers may contain residual flammable vapours and product residue. Keep away from sparks, heat and sources of ignition. Labels should not be removed. Empty but unlaundered containers must be treated in the same manner as when full; labels should not be removed.

DISPOSAL METHODS

Product is classified as hazardous waste. Disposal of waste material and empty containers must be by means of a licensed waste contractor.

14 TRANSPORT INFORMATION

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PROPER SHIPPING NAME	PAINT RELATED MATERIAL
UN NO. ROAD	1263
ADR CLASS NO.	3
ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	II
TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	33
ADR LABEL NO.	3
HAZCHEM CODE	•3YE
UN NO. SEA	1263
IMDG CLASS	3
IMDG PACK GR.	II
EMS	F-E, S-E
UN NO. AIR	1263
AIR CLASS	3
AIR PACK GR.	II

15 REGULATORY INFORMATION

EU DIRECTIVES

EC Regulation 1272/2008: CLP (Classification, labelling and packaging of substances and mixtures).
 Dangerous Substances Directive 67/548/EEC.
 Dangerous Preparations Directive 1999/45/EC.
 EC Regulation 1907/2006 (as amended) : 'REACH'.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 SI No 716. (CHIP4).
 Control of Substances Hazardous to Health Regulations (as amended). (COSHH)
 Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007. (CDG 2009)

GUIDANCE NOTES

Introduction to Local Exhaust Ventilation HS(G)37.
 The storage of flammable liquids in containers HSG51 (HSE 1998).
 COSHH essentials. 'Easy steps to control chemicals.' Only available on HSE's website and regularly updated at www.hse.gov.uk/pubns/guidance/index.htm

16 OTHER INFORMATION

REVISION DATE 05-Apr-11 - Rev 01:00897

HAZARD STATEMENTS IN FULL

EUH066 Repeated exposure may cause skin dryness or cracking. , H225 Highly flammable liquid and vapour. , H226 Flammable liquid and vapour. , H304 May be fatal if swallowed and enters airways. , H319 Causes serious eye irritation. , H336 May cause drowsiness or dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.