

**SAFETY DATA SHEET
FLINTS ETCH PRIMER
THINNER NO.115**

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

PRODUCT NAME Flints Etch Primer Thinner No.115
 PRODUCT NO. PAT504
 SUPPLIER Flints Hire & Supply Ltd.
 Queens Row
 London
 SE17 2PX
 T: 020 7703 9786
 F: 020 7703 0616
 EMERGENCY TELEPHONE 020 7703 9786
 CONTAINER SIZE 5 litre container

2 HAZARDS IDENTIFICATION

Flammable. Harmful if swallowed. Vapours may cause drowsiness and dizziness. Risk of serious damage to eyes. Irritating to respiratory system and skin.

CLASSIFICATION Xn;R22. Xi;R37/38, R41. R10, R67.

ENVIRONMENT

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

PHYSICAL AND CHEMICAL HAZARDS

Heating will generate vapours which may form explosive vapour/air mixtures.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANOL-norm	200-751-6	71-36-3	60-80%	R10 Xn;R22 Xi;R37/38,R41 R67
PROPAN-2-OL	200-661-7	67-63-0	30-60%	F;R11 Xi;R36 R67

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

4 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. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

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 affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT

Immediately flush with plenty of water. Remove any contact lenses and open eyes wide apart. Call an ambulance and continue flushing during transportation to hospital. Bring these instructions. May cause permanent damage if eye is not immediately irrigated.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Foam. Dry chemicals, sand, dolomite etc.

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SPECIAL FIRE FIGHTING PROCEDURES

Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases.

SPECIFIC HAZARDS

The product is flammable, and heating may generate vapours which may form explosive vapour/air mixtures.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

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.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

STORAGE CLASS

Flammable liquid storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m3(Sk)
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Use protective gloves.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

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

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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	Colourless liquid		
ODOUR	Aromatic.		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	82-119 @ 760 mm Hg	RELATIVE DENSITY	0.765 - 0.845 @ 20°C
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	100
VISCOSITY	3.0 mPas @ 23°C	FLASH POINT (°C)	25 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	0.8	VOLATILE ORGANIC COMPOUND (VOC)	800 g/litre

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid exposing to heat and contact with strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapours irritate the respiratory system, and may cause coughing and difficulties in breathing. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

INGESTION

Harmful if swallowed. May cause nausea, headache, dizziness and intoxication.

SKIN CONTACT

Prolonged or repeated exposure may cause severe irritation.

EYE CONTACT

Extreme irritation of eyes and mucous membranes, including burning and tearing. Risk of serious damage to eyes.

TARGET ORGANS

Skin. Eyes. Respiratory system, lungs.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product is not expected to be toxic to aquatic organisms.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION



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UK ROAD CLASS	3	UK ROAD PACK GR.	III
PROPER SHIPPING NAME	PAINT RELATED MATERIAL		
UN NO. ROAD	1263	ADR CLASS	Class 3: Flammable liquids.
ADR CLASS NO.	3	HAZARD No. (ADR)	30
ADR PACK GROUP	III	HAZCHEM CODE	3YE
ADR LABEL NO.	3	RID CLASS NO.	3
CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp	UN NO. SEA	1263
RID PACK GROUP	III	IMDG PACK GR.	III
IMDG CLASS	3	MARINE POLLUTANT	No.
EMS	F-E, S-E	AIR CLASS	3
UN NO. AIR	1263		
AIR PACK GR.	III		

15 REGULATORY INFORMATION

LABELLING



Harmful

CONTAINS BUTANOL-norm

RISK PHRASES

- R10 Flammable.
- R22 Harmful if swallowed.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

- S24/25 Avoid contact with skin and eyes.
- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S37/39 Wear suitable gloves and eye/face protection.
- S51 Use only in well-ventilated areas.
- S60 This material and its container must be disposed of as hazardous waste.

EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

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).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

ISSUED BY

HS&E Manager.

REVISION DATE 30/06/2008

REV. NO./REPL. SDS GENERATED 2

SDS NO. 10199

FLINTS ETCH PRIMER THINNER NO.115

SAFETY DATA SHEET STATUS

Approved.

DATE 12/12/2007

RISK PHRASES IN FULL

- R10 Flammable.
- R11 Highly flammable.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R37/38 Irritating to respiratory system and skin.
- R41 Risk of serious damage to eyes.
- R67 Vapours may cause drowsiness and 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.