

## SAFETY DATA SHEET FLINTS RAPID ONE PACK ETCH PRIMER

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

PRODUCT NAME                      Flints Rapid One Pack Etch Primer  
 PRODUCT NO.s                     PAT115 & PAT116  
 SUPPLIER                            Flint Hire & Supply Ltd.  
   Queens Row  
   London  
   SE17 2PX  
   T: 020 7703 9786  
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 EMERGENCY TELEPHONE         020 7703 9786  
 CONTAINER SIZE                  5 litre container

### 2 HAZARDS IDENTIFICATION

Flammable. Harmful if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

CLASSIFICATION                    Xn;R22. Xi;R37/38, R41. N;R51/53. R10, R67.

#### ENVIRONMENT

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic 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
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	10-30%	R10
BUTANOL-norm	200-751-6	71-36-3	30-60%	R10 Xn;R22 Xi;R37/38,R41 R67
PROPAN-2-OL	200-661-7	67-63-0	10-30%	F;R11 Xi;R36 R67
TRIZINC BIS(ORTHOPHOSPHATE)	231-944-3	7779-90-0	1-5%	N;R50/53

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

## FLINTS RAPID ONE PACK ETCH PRIMER

**EXTINGUISHING MEDIA**

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

**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	TWA - 8 hrs		STEL - 15 min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)	
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m3(Sk)	
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

**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.

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**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.

**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.

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### 9 PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE	Liquid		
ODOUR	Odour of alcohol		
SOLUBILITY	Slightly soluble in water.		
BOILING POINT (°C)	82 - 119 @ 760 mm Hg	RELATIVE DENSITY	0.84 - 0.96 @ 20°C
VAPOUR DENSITY (air=1)	>1	VOLATILE BY VOL. (%)	88
VISCOSITY	100 - 150 cps @ 25°C	FLASH POINT (°C)	24 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER(%)	0.8	VOLATILE ORGANIC COMPOUND (VOC)	<700 g/litre

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### 10 STABILITY AND REACTIVITY

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**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.

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### 11 TOXICOLOGICAL INFORMATION

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**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.

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### 12 ECOLOGICAL INFORMATION

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**ECOTOXICITY**

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

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### 13 DISPOSAL CONSIDERATIONS

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**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.

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### 14 TRANSPORT INFORMATION

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FLINTS RAPID ONE PACK ETCH PRIMER



UK ROAD CLASS	3		
PROPER SHIPPING NAME	PAINT (TRIZINC BIS(ORTHOPHOSPHATE)*2-4H2O)		
UN NO. ROAD	1263	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30	ADR LABEL NO.	3
HAZCHEM CODE	3YE	CEPIC TEC(R) NO.	30GF1-III, 30GF1-sp
RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	1263	IMDG CLASS	3
IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	UN NO. AIR	1263
AIR CLASS	3	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING



Harmful



Dangerous for the environment

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.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

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).

# FLINTS RAPID ONE PACK ETCH PRIMER

## NATIONAL REGULATIONS

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

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## 16 OTHER INFORMATION

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### ISSUED BY

HS&E Manager.

REVISION DATE 12/02/2009

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SDS NO. 10187

### SAFETY DATA SHEET STATUS

Approved.

DATE 04/03/2008

### 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.
- R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R67 Vapours may cause drowsiness and dizziness.

### DISCLAIMER

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