



## SAFETY DATA SHEET

## PRIMER No. 6

CP0901 v2.0 RS 448-0185

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

PRODUCT NAME PRIMER No. 6

PRODUCT NO. 80068008

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Supplied by:  
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## 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
2-BUTOXYETHANOL	203-905-0	111-76-2	< 0%	Xn;R20/21/22 Xi;R36/38
BUTANOL-norm	200-751-6	71-36-3	< 0%	R10 Xn;R22 Xi;R37/38,R41 R67
HEPTANE	205-563-8	142-82-5	< 0%	F;R11 Xn;R65 Xi;R38 R67 N;R50,R53
Octamethyltrisiloxane		107-51-7	60-100%	R10.
TETRAETHYL SILICATE	201-083-8	78-10-4	0.5-1%	R10 Xn;R20 Xi;R36/37
TETRAKIS (2-BUTOXYETHYL) ORTHOSILICATE		18765-38-3	1-5%	Xi;R38.
Tetra-n-butoxy titanate		5593-70-4	1-5%	Xi;R36/38.

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

## 3 HAZARDS IDENTIFICATION

Flammable.

CLASSIFICATION R10.

## 4 FIRST-AID MEASURES

## INHALATION

Remove victim immediately from source of exposure. Get medical attention if any discomfort continues.

## INGESTION

DO NOT induce vomiting. Get medical attention immediately.

## SKIN CONTACT

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

## EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists continue rinsing and transport to hospital taking these instructions.

## 5 FIRE-FIGHTING MEASURES

## EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

**CP0901 v2.0 RS 448-0185****SPECIAL FIRE FIGHTING PROCEDURES**

Avoid breathing fire vapours. Use water to keep fire exposed containers cool and disperse vapours. Keep run-off water out of sewers and water sources. Dike for water control.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

Solvent vapours may form explosive mixtures with air.

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

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

**ENVIRONMENTAL PRECAUTIONS**

Contain spillages with sand, earth or any suitable adsorbent material. Avoid release to the environment.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

**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. During application and drying, solvent vapours will be emitted.

**STORAGE PRECAUTIONS**

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

**STORAGE CLASS**

Flammable liquid storage.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
TETRAETHYL SILICATE	OES	10 ppm	87 mg/m3	30 ppm	260 mg/m3
HEPTANE	OES	500 ppm			
BUTANOL-norm	OES			50 ppm(Sk)	154 mg/m3(Sk)
2-BUTOXYETHANOL	OES	25 ppm(Sk)		50 ppm(Sk)	
Octamethyltrisiloxane	MEL	200 ppm			

**PROTECTIVE EQUIPMENT****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.

**HAND PROTECTION**

Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable.

**EYE PROTECTION**

Wear approved safety goggles.

**HYGIENE MEASURES**

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Colourless to pale yellow
ODOUR	Characteristic Odour of alcohol
SOLUBILITY	Slightly soluble in water. Very soluble in: Organic solvents.

**PRIMER No. 6**  
**CP0901 v2.0 RS 448-0185**

BULK DENSITY	0.825	VISCOSITY	<1 mPa.s @ 23°C
FLASH POINT (°C)	28 CC (Closed Cup)		

**10 STABILITY AND REACTIVITY****STABILITY**

Avoid: Heat, sparks, flames. Stable under normal temperature conditions and recommended use.

**MATERIALS TO AVOID**

Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Oxides of: Silicon.

**11 TOXICOLOGICAL INFORMATION**

Name TETRAKIS (2-BUTOXYETHYL) ORTHOSILICATE

Toxic Dose 1 - LD 50 >2000 mg/kg (oral rat)

**GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**INHALATION**

Vapour from this chemical can be hazardous when inhaled.

**INGESTION**

Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**SKIN CONTACT**

Irritating to skin.

**EYE CONTACT**

Irritating to eyes.

**12 ECOLOGICAL INFORMATION**

Name TETRAKIS (2-BUTOXYETHYL) ORTHOSILICATE

LC 50, 96 Hrs, FISH mg/l >20100

**ECOTOXICITY**

No data on possible environmental effects have been found.

**BIOACCUMULATION**

The product does not contain any substances expected to be bioaccumulating.

**DEGRADABILITY**

This product mainly consists of inorganic compounds which are not biodegradable. The remaining compounds of the product are expected to be easily biodegradable.

**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.

**14 TRANSPORT INFORMATION**

UK ROAD CLASS	3		
PROPER SHIPPING NAME	FLAMMABLE LIQUID, N.O.S. (Octamethyltrisiloxane, TETRAETHYL SILICATE)		
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
CEPIC 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.	3

**PRIMER No. 6**  
**CP0901 v2.0 RS 448-0185**

IMDG PACK GR.	III	EMS	F-E, S-E
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1993	ICAO CLASS	3
AIR PACK GR.	III		

**15 REGULATORY INFORMATION**

## RISK PHRASES

R10 Flammable.

## SAFETY PHRASES

S16 Keep away from sources of ignition - No smoking.

S51 Use only in well-ventilated areas.

S24/25 Avoid contact with skin and eyes.

S60 This material and its container must be disposed of as hazardous waste.

S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**16 OTHER INFORMATION**

REVISION DATE 28.6.04

REV. NO./REPL. SDS GENERATED 0

## RISK PHRASES IN FULL

R10 Flammable. , R11 Highly flammable. , R20 Harmful by inhalation. , R20/21/22 Harmful by inhalation, in contact with skin and if swallowed. , R22 Harmful if swallowed. , R36/37 Irritating to eyes and respiratory system. , R36/38 Irritating to eyes and skin. , R37/38 Irritating to respiratory system and skin. , R38 Irritating to 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. , R65 Harmful: may cause lung damage if swallowed. , 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.