



SAFETY DATA SHEET

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ETCH PRIMER

Revision 0
Revision date 10-Aug-2007

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

Product name ETCH PRIMER

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Product code A515

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Phenol	0 - 0.5%	108-95-2	203-632-7	Muta Cat 3; R68 T; R23/24/25 Xn; R48/20/21/22 C; R34
Xylene (Xylene, o-,m-,p-or mixed isomers)	10 - 20%	1330-20-7	215-535-7	R10 Xn; R20/21 Xi; R38
Iso-butanol (2-Methylpropan-1-ol)	1 - 10%	78-83-1	201-148-0	R10 Xi; R37/38-41 R67
Butan-1-ol	20 - 30%	71-36-3	200-751-6	R10 Xn; R22 Xi; R37/38-41 R67
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	1 - 10%	108-65-6	203-603-9	R10 Xi; R36
stoddard solvent - Low boiling point naphtha - unspecified	0 - 0.5%	8052-41-3	232-489-3	Xn; R65 N; R51/53 R10
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	0 - 0.5%	108-83-8	203-620-1	R10 Xi; R37
Basic Zinctetraoxochromate	1 - 10%	49663-84-5	256-418-0	T; R49 Xn; R22 Xi; R43 N; R50/53
Zinc potassium chromate	1 - 10%	11103-86-9	234-329-8	T; R49 Xn; R22 Xi; R43 N; R50/53
Talc (Talc, respirable dust)	1 - 10%	14807-96-6	238-877-9	
Barifine, Airwhite, Barytes, CM Grades (Barium sulphate respirable dust)	1 - 10%	7727-43-7	231-784-4	
1,2,4-Trimethylbenzene	0 - 0.5%	95-63-6	202-436-9	R10 Xn; R20 Xi; R36/37/38 N; R51/53
Low boiling point naphtha - unspecified - solvent naphtha (petroleum), light arom	0.5 - 1%	64742-95-6	265-199-0	Xi; R37-66 N; R51/53 R10-67
titanium dioxide. (Titanium dioxide respirable)	1 - 10%	13463-67-7		
n-Butyl acetate (Butyl acetate)	0 - 0.5%	123-86-4	204-658-1	R10 R66 R67
Ethylbenzene	0 - 0.5%	100-41-4	202-849-4	F; R11 Xn; R20
Isopropanol (Propan-2-ol)	20 - 30%	67-63-0	200-661-7	F; R11 Xi; R36 R67

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3. HAZARDS IDENTIFICATION

Main hazards Highly flammable. Harmful if swallowed. Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact. May cause cancer by inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

Skin contact May cause irritation to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Inhalation Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist.

General information In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. FIRE FIGHTING MEASURES

Extinguishing media Alcohol resistant foam. Carbon dioxide (CO2) Dry chemical. Do NOT use water jet.

Fire hazards Burning produces irritating, toxic and obnoxious fumes. Fire will produce dense black smoke.

Protective equipment Self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.

Environmental precautions Do not allow product to enter drains. Prevent further spillage if safe.

Clean up methods Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

7. HANDLING AND STORAGE

Handling Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition - No smoking.

Storage Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Phenol	WEL 8-hr limit ppm: 2 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -
Xylene (Xylene, o-,m-,p-or mixed isomers)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 220 WEL 15 min limit mg/m3: 441
Iso-butanol (2-Methylpropan-1-ol)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 75	WEL 8-hr limit mg/m3: 154 WEL 15 min limit mg/m3: 231
Butan-1-ol	WEL 8-hr limit ppm: - WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: 154
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50 WEL 15 min limit ppm: 100	WEL 8-hr limit mg/m3: 274 WEL 15 min limit mg/m3: 548
Di-isobutyl ketone (2,6-Dimethylheptan-4-one)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 148 WEL 15 min limit mg/m3: -
Talc (Talc, respirable dust)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 1 WEL 15 min limit mg/m3: -
Barifine, Airwhite, Barytes, CM Grades (Barium sulphate respirable dust)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
Barifine, Airwhite, Barytes, CM Grades (Barium sulphate respirable dust)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
titanium dioxide. (Titanium dioxide respirable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 4 WEL 15 min limit mg/m3: -
titanium dioxide. (Titanium dioxide total inhalable)	WEL 8-hr limit ppm: - WEL 15 min limit ppm: -	WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: -
n-Butyl acetate (Butyl acetate)	WEL 8-hr limit ppm: 150 WEL 15 min limit ppm: 200	WEL 8-hr limit mg/m3: 724 WEL 15 min limit mg/m3: 966
Ethylbenzene	WEL 8-hr limit ppm: 100 WEL 15 min limit ppm: 125	WEL 8-hr limit mg/m3: 441 WEL 15 min limit mg/m3: 552
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500	WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250

Engineering measures Ensure adequate ventilation of the working area.

Respiratory protection Wear suitable respiratory equipment when necessary.

Hand protection Chemical resistant gloves (PVC)

Eye protection Approved safety goggles.

Protective equipment Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Liquid.
Flash point	16°C
Water solubility	immiscible in water.

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10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions.
Conditions to avoid	Heat, sparks and open flames.
Materials to avoid	Oxidising agents. Acids. Alkaline solution.
Hazardous decomposition products	Carbon oxides. Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	No data is available on this product. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Inhalation is irritating to the respiratory tract and may cause damage to the central nervous system.
Corrosivity	May cause irritation to eyes and respiratory system.
Repeated or prolonged exposure	May cause dermatitis.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available on this product.
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13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
Disposal of packaging	Containers must be recycled in compliance with national legislation and environmental regulations.

14. TRANSPORT INFORMATION

ADR/RID

UN 1263	Packing group III
Class 3	Hazard ID 33
Proper Shipping Name PAINT RELATED MATERIAL .	

IMDG

UN 1263	Packing group III
Class 3	Marine pollutant .
EmS Code F-E S-E	


IATA

UN 1263	Packing group III
Class 3	Subsidiary risk -
Packing Instruction 310 (Cargo)	Maximum quantity 220 L
Packing Instruction 309 (Passenger)	Maximum quantity 60 L

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15. REGULATORY INFORMATION

Labelling	The product is classified in accordance with 67/548/EEC.
Symbols	F - Highly flammable; T - Toxic; N - Dangerous for the environment 
Risk phrases	R11 - Highly flammable. R22 - Harmful if swallowed. R37/38 - Irritating to respiratory system and skin. R41 - Risk of serious damage to eyes. R43 - May cause sensitisation by skin contact. R49 - May cause cancer by inhalation. 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	S16 - Keep away from sources of ignition - No smoking. S24 - Avoid contact with skin. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29 - Do not empty into drains. S37/39 - Wear suitable gloves and eye/face protection. S53 - Avoid exposure - obtain special instructions before use.

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16. OTHER INFORMATION

Text of risk phrases in Section 2

R10 - Flammable.
R11 - Highly flammable.
R20 - Harmful by inhalation.
R20/21 - Harmful by inhalation and in contact with skin.
R22 - Harmful if swallowed.
R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed.
R34 - Causes burns.
R36 - Irritating to eyes.
R36/37/38 - Irritating to eyes, respiratory system and skin.
R37 - Irritating to respiratory system.
R37/38 - Irritating to respiratory system and skin.
R38 - Irritating to skin.
R41 - Risk of serious damage to eyes.
R43 - May cause sensitisation by skin contact.
R48/20/21/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
R49 - May cause cancer by inhalation.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.
R68 - Possible risk of irreversible effects.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.