

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	ETCH PRIMER GREY/RED OXIDE (SINGLE PACK) (DI026)
Synonyms	Solvent based etch primer.
Description	A dispersion of pigments and rust inhibitors in a solution of polyvinyl butyral and solvents.
Dura Paints (PTY) Ltd	5 Wakefield Road, Founders View South, Edenvale, 1610, South Africa.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous and / or other relevant components

A. HAZARDOUS COMPONENTS

Alcohol type solvents, Phenolic resin and Phosphoric Acid

Methanol:	> 10%	CAS no. 67-56-1	EC no. 200-659-6
Phenolic Resin	> 5%	CAS no. - NA	
Phosphoric acid	< 3%	CAS no. 7664-38-2	EC no. 015-011-00-6

B. NON HAZARDOUS COMPONENTS

Polyvinyl butyral	T/S
Pigments/Fillers	T/S

R Phrases	R11, 20/21/34/38/39/43/45/65
S Phrases	S1/2, 13, 26, 43, 45, 62

3. HAZARDS IDENTIFICATION

SAPMA Health Rating	2-Moderate – Temporary or minor injury even if treatment given.
Highly Flammable	Eliminate all ignition sources
Harmful	Ensure sufficient ventilation, avoid inhalation of vapours. Avoid contact with skin or eyes.
Ingestion	Harmful if swallowed
Skin contact	May be irritating, frequent skin contact may cause dermatitis
Inhalation	Exposure to high concentrates of vapor may cause nausea and giddiness.
Eye contact	Causes mild eye irritation.
Principle routes of exposure	Eyes.

4. FIRST AID MEASURE

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Ingestion	Do not induce vomiting. Keep person warm and at rest. Seek medical advice immediately and show this Safety Data Sheet to the medical officer.
Skin	Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do not use solvents or thinners.
Inhalation	Move to a safe area with fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by a trained person. Give nothing by mouth. If unconscious, place in recovery position and seek medical advice.
Eyes	Rinse thoroughly with potable water for at least 10 minutes.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use foam, CO2, dry powders and water mist. Do NOT use a high pressure water jet.
Recommendations:	Decomposed products are a health hazard. Use appropriate breathing apparatus. Cool closed containers exposed to fire with water to prevent ignition.

MATERIAL SAFETY DATA SHEET

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Ventilate the area. Avoid breathing in vapours. Remove all sources of ignition e.g. flames, sparks, static electricity and heat.
- Spill:** Contain and collect spillage with absorbent material. Dispose of according to local regulations. Do not allow spillage to enter sewerage drains or watercourses.

7. HANDLING AND STORAGE

- Handling:** Keep container tightly closed. Keep away from heat, sparks and flame. Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. After handling the material, workers should wash hands and face before eating, drinking and smoking. Always comply with health and safety regulations.
- Storage:** Store in original container. Observe label precautions. Store in a cool, well-ventilated area away from incompatible materials and ignition sources. Keep away from oxidizing agents, strong alkaline and acids. No smoking. Containers which have been opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- SAPMA Rating** 3-H-E: Respirator and Eye protection.
- Inhalation** In case of insufficient ventilation, use suitable respiratory protection. Work in conditions of adequate ventilation.
- Skin** Observe the rules of hygiene. Wash before eating, drinking or smoking. Use barrier cream and gloves.
- Eyes** Avoid direct contact. Never touch eyes with dirty hands or gloves. Use safety glasses.
- Ingestion** Observe the rules of hygiene. Wash before eating, drinking or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

A dispersion of pigments and fillers in a solution of a modified alkyd resin in a blend of aromatic and aliphatic solvents, with additives.

- | | | | |
|---------------------------|------------------|--------------------------|------------------------|
| Appearance: | Red Oxide/Grey | Odour: | Aromatic solvent odour |
| Density – Derived: | 0.94 | Water solubility: | Miscible |
| Flash Point: | < 0 °C (derived) | | |

10. STABILITY AND REACTIVITY

- Stability:** Stable under recommended storage and handling conditions.
- Conditions to avoid:** Ignition sources, flames, sparks, static and heat.
- Materials to Avoid:** Oxidizing agents, strong alkaline or acidic materials.

11. TOXICOLOGICAL INFORMATION

- Frequent and prolonged skin contact may cause irritation and skin inflammation.
- Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea.
- In case of contact with the product, danger of absorption through the skin, irritation of the skin/mucous membranes.

12. ECOLOGICAL INFORMATION

- There is no data available on the preparation itself.
- Product is considered a water pollutant. Do not allow to enter drains or watercourses.

13. DISPOSAL CONSIDERATIONS

Disposal method Do not allow to enter sewers. Dispose by controlled incineration or through local authority as for paint. Comply with relevant local laws.

14. TRANSPORT INFORMATION

Sin/UN Number	1263
Shipping Name:	Paint Product
Packaging Group:	11
Class:	3.2

15. REGULATORY INFORMATION

Classification	F, XN
EC no.	N/A
EEC Classification	Classified as hazardous.
R11	Highly Flammable.
R20/21/22	Harmful by inhalation and contact with the skin.
R34	Causes Burns.
R38	Irritating to the skin.
R39	Danger of very serious irreversible effects.
R43	May cause sensitization by skin contact.
R45	May cause cancer.
R65	Harmful- may cause lung damage if swallowed.
S1/2	Keep locked up/out of reach of children.
S13	Keep away from food, drink and animal feed stuffs.
S24/25	Avoid contact with the skin/eyes.
S43	In case of fire, use water, fog, foam or powder-do not use water jets.
S62	If swallowed, do not induce vomiting but seek medical advice immediately

16. OTHER INFORMATION

This data is offered in good faith as typical values and are not as a product specification. No warranty, whether expressed or implied is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

C	=	Ceiling limit	NEGL	=	Negligible
EST	=	Estimated	NF	=	None found
NA	=	Not applicable	UNKN	=	Unknown
NE	=	None established	REC	=	Recommended
ND	=	None determined	V	=	Recommended by vendor
TS	=	Trade secret	SKN	=	Skin
R	=	Recommended	MST	=	Mist

END OF MSDS

DISCLAIMER: All information is given in good faith, but without guarantee in respect of accuracy and no responsibility is accepted for errors or omissions or the consequences thereof. For the current version of this MSDS please download from the Dura Paints website at www.durapaints.co.za.