



# FASTRAC GP ANTICORROSIVE PRIMER AP70

**A fast drying modified alkyd anticorrosive primer.**

## Recommended Areas of Use

Intended for use as a general use fast drying prefabrication or system primer on properly prepared ferrous surfaces.

## Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems.

## Properties

<b>Gloss</b>	Matt (<10%)	<b>Surface dry</b>	1 hour
<b>Theoretical Coverage</b>	9 m <sup>2</sup> /L/coat	<b>Minimum overcoating time</b>	16 hours minimum
<b>Recommended number of coats</b>	1 or 2 full coats	<b>Maximum overcoating time</b>	Unlimited
<b>Density</b>	1.59 kg/L	<b>Minimum application conditions</b>	Down to 5 °C & 60% RH maximum (but must be 3 °C above dew point)
<b>Volume solids</b>	60%	<b>Full cure</b>	7 days
<b>Flash point (Abel closed cup)</b>	26 °C		
<b>VOC</b>	320 g/L	<b>Shelf life</b>	12 months minimum in original unopened containers.
<b>Thinner / Cleaning</b>	Bradite Thinner TW35	<b>Colour range</b>	Dark Grey & Red Oxide
<b>Recommended wet film thickness</b>	58 microns/coat	<b>Recommended dry film thickness</b>	35 microns/coat

## Suitable Surfaces

Ferrous surfaces blast cleaned to SIS Sa 2<sup>1/2</sup> minimum or mechanically prepared to SIS St 3 minimum. Suitable for coating over compatible coatings which are clean, dry and abraded.

## Application Information

Application and use should always conform to the codes of practice described in BS 6150 and BS 5493.

**Brush and Roller** – supplied ready for use. Thin with 0 - 5% Bradite Thinner TW35 if required.

**Conventional Air Spraying** - Thin with 10 - 20% Bradite Thinner TW35 as required, tip size - 2.0mm, tip pressure 60psi (0.4MPa) approximately.

**Airless Spraying** - Thin with 0 - 15% Bradite Thinner TW35 as required, tip size - 19 thou (0.48mm) approximately, tip pressure - 2100 psi (15MPa) approximately.

## Cleaning

Clean all equipment immediately after use with Bradite Thinner TW35 for best results.

## Preparation

High pressure steam cleaning to remove all loose, flaking paint and contamination back to a sound surface. Bradite TD39 industrial strength detergent, washing and rinsing should be used with scrubbing to remove grease or oil.

Remove all rust scale, loose mill scale or other corrosion products by scraping and mechanical cleaning to SIS-St 3 (ISO 8501-1:1998).

Intact areas of existing coatings should be roughened by abrasive manual or disc sanding, feathering back to a sound coating edge. Cracks and pits should be filled using a suitable metal filler before painting. Substrate should be dust free and completely dry before coating.

## Notes

Light surface rusting may be effectively treated using one coat of Bradite FASTRAC Rust Converter RC46 prior to application of Bradite FASTRAC GP Anticorrosive Primer AP70.

New galvanised steel should be thoroughly degreased and then pre-treated with Bradite Mordent Solution TM38 prior to application of Bradite FASTRAC GP Anticorrosive Primer AP70. Alternatively, or for other non-ferrous metals, prime with Bradite Barrier Primer EU96 before application of selected Bradite finish.

Suitable for use under many Bradite finishes such as Fastrac Gloss ME53 & Fastrac Satin SE53.

## Summary Safety Information

Always refer to the Health and Safety sheet for the product before use and observe the warning phrases on the label.

**Disclaimer** - The information on this data sheet is correct to the best of our knowledge and experience. Bradite reserves the right to modify data contained herein, without notice. The information supplied does not absolve users from responsibility to carry out their own tests and experiments, nor does it imply any legally binding assurance of certain properties or suitability for any specific purpose. Conditions of service and application may be beyond our control, so no liability whatsoever can be accepted on the basis of the information supplied herein.

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** GENERAL PURPOSE ANTICORROSIVE PRIMER

**Product code:** AP70

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Bradite Paints  
Ogwen Valley Works  
Bethesda  
Gwynedd  
LL57 4YP  
United Kingdom

**Tel:** +44 (0)1248 600315

**Fax:** +44 (0)1248 602782

**Email:** [sales@bradite.com](mailto:sales@bradite.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0)1248 600315  
(office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Aquatic Chronic 2: H411; Asp. Tox. 1: H304; Flam. Liq. 3: H226; -: EUH208

**Most important adverse effects:** Contains 2-butanone oxime. May produce an allergic reaction. Flammable liquid and vapour. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** EUH208: Contains 2-butanone oxime. May produce an allergic reaction.  
H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H411: Toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame  
GHS08: Health hazard  
GHS09: Environmental

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**Signal words:** Danger

**Precautionary statements:** P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+310: IF SWALLOWED: Immediately call a.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with.

P331: Do NOT induce vomiting.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY - REACH registered number(s): 01-2119463258-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-150-3	64742-48-9	-	Asp. Tox. 1: H304; Flam. Liq. 3: H226	10-30%

TRIZINC BIS(ORTHOPHOSPHATE) - REACH registered number(s): 01-2119485044-40-0001

231-944-3	7779-90-0	-	Aquatic Chronic 1: H410; Aquatic Acute 1: H400	1-10%
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2-BUTANONE OXIME - REACH registered number(s): 01-2119539477-28-XXXX

202-496-6	96-29-7	-	Carc. 2: H351; Acute Tox. 4: H312; Eye Dam. 1: H318; Skin Sens. 1: H317	<1%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

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**Eye contact:** There may be irritation and pain.

**Ingestion:** Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Immediate / special treatment:** Show this safety data sheet to the doctor in attendance.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Use water spray to cool containers.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus.

**Section 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for suitable method of disposal.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 13 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area. Keep away from direct sunlight.

**Suitable packaging:** Must only be kept in original packaging.

**Storage quantity limits:** 250 L

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**7.3. Specific end use(s)**

**Specific end use(s):** PC9a: Coatings and paints, thinners, paint removers.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

**LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	150 ppm	-	-	-

**DNEL/PNEC Values**

**Hazardous ingredients:**

**TRIZINC BIS(ORTHOPHOSPHATE)**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	83 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	2.5 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral (repeated dose)	0.83 mg/kg bw/day	Consumers	-
PNEC	Fresh water	20.6 ugZn/L	-	-
PNEC	Marine water	6.1 ugZn/L	-	-
PNEC	Fresh water sediments	117.8 mgZn/kg sedime	-	-
PNEC	Marine sediments	56.5 mg Zn/kg sedime	-	-
PNEC	Soil (agricultural)	35.6 mgZn/kg soil dw	-	-
PNEC	Microorganisms in sewage treatment	100 ugZn/L	-	-

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Gloves (solvent-resistant).

**Eye protection:** Tightly fitting safety goggles.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

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**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Liquid  
**Colour:** Various  
**Odour:** Characteristic odour  
**Evaporation rate:** Slow  
**Oxidising:** Non-oxidising (by EC criteria)  
**Solubility in water:** Not miscible  
**Also soluble in:** Most organic solvents.  
**Viscosity:** Non-viscous  
**Boiling point/range°C:** > 140  
**Flammability limits %: lower:** 0.6  
**Flash point°C:** 23 - 55  
**Autoflammability°C:** 230 - 279  
**Relative density:** 1.59  
**VOC g/l:** 310  
**Melting point/range°C:** Not applicable.  
**upper:** 6  
**Part.coeff. n-octanol/water:** 5 (log Pow)  
**Vapour pressure:** 300 Pa  
**pH:** Not applicable.

**9.2. Other information**

**Other information:** Not applicable.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Direct sunlight. Sources of ignition.

**10.5. Incompatible materials**

**Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

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**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDROTREATED HEAVY**

DERMAL	RBT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/l

**TRIZINC BIS(ORTHOPHOSPHATE)**

ORAL	RAT	LD50	> 5000	mg/kg
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**2-BUTANONE OXIME**

ORL	MUS	LD50	1	gm/kg
ORL	RAT	LD50	930	mg/kg
SCU	RAT	LD50	2702	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Aspiration hazard	-	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and pain.

**Ingestion:** Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Other information:** Not applicable.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**TRIZINC BIS(ORTHOPHOSPHATE)**

ALGAE	72H ErC50	0.14 - 0.32	mg/l
Ceriodaphnia dubia	48H EC50	0.89 - 0.96	mg/l
Daphnia magna	48H EC50	> 2.34	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	0.14 - 5.59	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

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**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Solvent reclamation/regeneration.

**Waste code number:** 08 01 11

**Disposal of packaging:** Retain for recovery.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1263

**14.2. UN proper shipping name**

**Shipping name:** PAINT

**14.3. Transport hazard class(es)**

**Transport class:** 3

**14.4. Packing group**

**Packing group:** III

**14.5. Environmental hazards**

**Environmentally hazardous:** Yes

**Marine pollutant:** No

**14.6. Special precautions for user**

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 3

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**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H410: Very toxic to aquatic life with long lasting effects.

H411: Toxic to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.