SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Fast Dry Metal Primer
- Product Part Number: P557_9

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Palatine Paints & Chemicals Ltd
- Address of Supplier: 55 Smallbrook Lane,
  Leigh, Lancashire.
  WN7 5EW
- Telephone: 01942 884122
- Responsible Person: Enquires@palatinepaints.co.uk
- Email: Safety@palatinepaints.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01942 871210

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- CLP:
- Physical hazards: Flam. Liq. 3 - H226
- Health Hazard: Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Elicitation (Skin Sens.) STOT SE 3 - H335 STOT RE 2 - H373
- Environmental Hazatd: Not Classified
- Classification (67/548/EEC or Xn; R22, R48/20/21/22. Xi; R36/37/38. R10 1999/45/EC)
- Environmental: The product is not expected to be hazardous to the environment.
- Physicochemica: Heating may generate flammable vapours. Vapours may form explosive mixtures with air.

2.2 Label elements

SECTION 2 Hazards identification (....)

- Signal Word: Warning

- Hazard statements
  Conyains: XYLENE
  Flammable liquid and vapour (H226).
  Harmful if swallowed or if inhaled (H302+H332)
  Causes skin irritation (H315).
  Causes serious eye irritation (H319).
  May cause respiratory irritation (H335).
  May cause damage to bones through repeated or prolonged exposure (H373)
  Harmful to aquatic life with long lasting effects (H412).
  EUH208 Contains C6-C19 BRANCHED FATTY ACIDS, COBALT N(2+) SALTS. May produce an allergic reaction.

- Precautionary statements
  Wear protective gloves/protective clothing/eye protection/face protection (P280).
  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
  Get medical advice/attention if you feel unwell (P314).
  Dispose of contents/container to an authorised waste collection point (P501)
  Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
  Ground/bond container and receiving equipment (P240).
  Use explosion-proof electrical equipment (P241).
  Use only non-sparking tools (P242).
  Take precautionary measures against static discharge (P243).
  Do not breathe dust/fume/gas/mist/vapours/spray (P260).
  Wash contaminated clothing before reuse (P363).
  Wash hands and working surfaces thoroughly after handling (P264).
  Do not eat, drink or smoke when using this product (P270).
  Use only outdoors or in a well-ventilated area (P271).
  Avoid release to the environment (P273).
  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
  IF ON SKIN: Wash with plenty of soap and water (P302+P352).
  IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
  Call a POISON CENTER or doctor/physician if you feel unwell (P312).
  Specific treatment (see medical advice on this label) (P321).
  Rinse mouth (P330).

SECTION 2 Hazards identification (....)

If skin irritation occurs: Get medical advice/attention (P332+P313).
If eye irritation persists: Get medical advice/attention (P337+P313).
Take off contaminated clothing and wash before reuse (P362).
In case of fire: use foam, carbon dioxide or dry agent for extinction (P370+P378)
Store in a well-ventilated place. Keep container tightly closed (P403+P233).
Store in a well-ventilated place. Keep cool (P403+P235).
Store locked up (P405).

2.3 Other hazards

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- xylene
  CAS Number: 1330-20-7
  EC Number: 215-535-7
  Concentration: 20-50%
  Categories: Skin Irrit. 2
  Symbols: GHS02;GHS07
  H Statements: H226;H332;H312;H315
- cobalt
  CAS Number: 7440-48-4
  EC Number: 231-158-0
  Concentration: <1%
  Categories: Resp. Sens. 1, Skin Sens. 1, Aquatic Chronic 4
  Symbols: GHS08
  H Statements: H334;H317
- 2-butanone oxime; ethyl methyl ketoxime; ethyl methyl ketone oxime
  CAS Number: 96-29-7
  EC Number: 202-496-6
  Concentration: <1%
  Categories: Eye Dam. 1, Skin Sens. 1, Carc. 2
  Symbols: GHS08;GHS05;GHS07
  H Statements: H312;H318;H317

SECTION 4 First aid measures

4.1 Description of first aid measures

- General Information: Move affected person to fresh air at once. Get medical attention if any discomfort continues.
- Inhalation: Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

SECTION 4 First aid measures (....)

- Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter he lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
- Skin Contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
- Eye contact: Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: Use foam. Dry Chemicals, sand etc. for extinction (P370+P378).

5.2 Special hazards arising from the substance or mixture

- The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances. Toxic gases or vapours.

5.3 Advice for firefighters

- Wear Positive-Pressure Breathing Apparatus
- In the event of an adjacent fire, cool containers with water spray

SECTION 6 Accidental release measures

Spillage causes slippery surface

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Avoid discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

- Eliminate all ignition sources if safe to do so (P381).
- Eliminate all sources of ignition. No Smoking, sparks, flames or other sourcesof ignition near spillage.
  Provide adequate ventilation. Absorb spillage with non-combustible, aborbent material. Collect and place in suitable waste disposal
  containers and seal securely. For waste disposal, see section 13. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4 Reference to other sections

SECTION 7 Handling and storage

7.1 Precautions for safe handling

SECTION 7 Handling and storage (....)

- Keep away from heat/sparks/open flames/hot surfaces. – No smoking (P210).
- Avoid spilling
- Avoid contact with skin and eyes
- Provide adequate ventialtion.
- Avoid inhalation of vapours.
- Use approved respirator if air contamination is above an acceptable level.

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from oxidisers, heat, flames or ignition sources
- Store in tightly closed original container in a dry, cool and well-ventilated place. Keep only in the original container.
- Storage Class: Flammable liquid storage.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- XYLENE
  Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m3(Sk)
  Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m3(Sk)

  Ingredient comments
  WEL = Workplace Exposure Limits
  XYLENE (CAS: 1330-20-7)
  DNEL
  Industry - Inhalation; Short term : 442 mg/m³
  Industry - Inhalation; Long term local effects: 221 mg/kg/day
  Industry - Dermal; Long term : 3182 mg/kg/day
  Consumer - Inhalation; Short term : 260 mg/m³
  Consumer - Inhalation; Long term : 65.3 mg/m³
  Consumer - Dermal; : 1872 mg/kg/day
  Consumer - Oral; Long term : 12.5 mg/kg/day
  PNEC
  - Fresh water; 0.327 mg/l
  - Marine water; 0.327 mg/l
  - Sediment (Freshwater); 12.46 mg/kg
  - Sediment (Marinewater); 12.46 mg/kg
  - Soil; 2.31 mg/kg
  - STP; 6.58 mg/

8.2 Exposure controls


- Appropriate engineering controls: Provide adequate general and local exhaust ventilation.
- Eye / Face Protection: The following protection should be worn: Chemical splash goggles.
- Hand Protection: Use Protective Gloves

SECTION 8 Exposure controls/personal protection (....)

- Other Skin and Body 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 hands 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 and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
- Respiratory protection: If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Organic vapour filter.

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Odour: Aromatic odour
- Boiling Point/Range: Boiling point 135 °C to 145 °C at 760 mm /Hg
- Flashpoint: 25 C CC (Closed cup)
- Upper Explosive Limit: Lower flammable/explosive limit: 0.8
- Vapour Density: >1
- Density: 1.1-1.60 @ @ 25°C
- Solubility in water: Insoluble
- Viscosity 500 - 800 mPa.s at 25 deg C

9.2 Other information

- Volatility 55
- Volatile Organic Compound Content <499g/l

SECTION 10 Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- Avoid contact with oxidising substances

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous Decomposition Products

- The product is flammable. Heating may generate flammable vapours. Thermal decomposition or combustion products may include the following substances. Toxic gases or vapours.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

SECTION 11 Toxicological information (....)

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- The ingestion of significant quantities may cause damage to mucous membranes
- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Eye Contact: May Cause severe eye irritation.
- Target Organs: Skin, Eyes, Respiratory System and Lungs

SECTION 12 Ecological information

Ecotoxicity: The product is not expected to toxic to aquatic organisms.

12.1 Toxicity

Ecological information on ingredients.

XYLENE

Acute toxicity - fish (Rainbow trout)	LC_{80}, 96 hours: 4.2 mg/l, Onchorhynchus mykiss
Acute toxicity - aquatic invertebrates	EC_{50}, 48 hours: >2.93 mg/l, Daphnia magna
Chronic toxicity - fish early life stage	NOEC, hours: mg/l, Fish
Chronic toxicity - aquatic invertebrates	NOEC, 96 hours: 3.3 mg/l, Daphnia magn

12.2 Persistence and degradability

- This substance is biodegradable

12.3 Bioaccumulation Potential

- Low bioaccumulation potential

12.4 Mobility in soil

- Mobility: The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

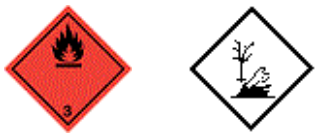
12.6 Other Adverse Effects

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

SECTION 14 Transport information



14.1 UN Number

SECTION 14 Transport information (....)

- UN No.: 1263

14.2 Proper Shipping Name

- Proper Shipping Name: PAINT (TRIZINC BIS(ORTHOPHOSPHATE)*2H2O)

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: III

14.5 Environmental hazards

14.6 Special precautions for user

- EmS : F-E, S-E
- Emergency Action Code: 3YE
- Hazard Identification Number: 30
  (ADR/RID)
- Tunnel restriction code: (D/E)

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

SECTION 15 Regulatory information

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

- National Regulations: The chemicals (Hazard information and Packaging for Supply) Regulations 2009 (SI 2009 No 716).
- Control of Substances Hazardous to Health Regulations 2002 (as amended)
- EU legislation: Regulation (EC) No 1907/2006 of the European Parliment and of the council of 18 December 2006 concerning the Registration Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
- Guidance: Workplace Exposure Limits EH40.
- Introduction to Local Exhaust Ventilation HS(G)37
- CHIP for everyone HSG228.
- Approved Classification and Labelling Guide (sixth addition) L131

15.2 Chemical Safety Assessment

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.