

711-9392

711-9409

711-9410

SAFETY DATA SHEET **plasti-kote** LTD.**Zinc Rich Primer****1 IDENTIFICATION OF THE PREPARATION AND THE COMPANY:**

SUBSTANCE NAME:

Zinc Rich Primer

REFERENCE No.:SN1095

SUPPLIER:

TEMPO PRODUCTS CO. Distributed by PLASTI-KOTE Ltd.,  
Unit 9, London Road Ind. Est. Sawston, Cambridge, England. CB2 4TR.

EMERGENCY TELEPHONES: Telephone 0223 836400 Fax 0223 836686

**2 COMPOSITION/INFORMATION ON INGREDIENTS:**

| INGREDIENT NAME           | CAS No.    | CONTENTS | HEALTH<br>(class) | RISK<br>(R No.) |
|---------------------------|------------|----------|-------------------|-----------------|
| ACETONE                   | 67-64-1 1  | 5-20%    | F                 |                 |
| TOLUENE                   | 108-88-3 1 | 5-20%    | Xn                | 20              |
| XYLENE                    | 1330-20-7  | 0-5%     | Xn                | 20/21, 38       |
| ZINC POWDER               |            | 25-30%   |                   |                 |
| PROPANE/ISOBUTANE MIXTURE | 68476-86-8 | 20-25%   | F+                |                 |

**3 HAZARDS IDENTIFICATION:**

Pressurised Container  
Harmful by inhalation.  
Irritating to eyes and skin.  
Extremely flammable.  
Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal

**4 FIRST AID MEASURES:**

GENERAL: Move the exposed person to fresh air at once.  
EYES: Promptly wash eyes with lots of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.  
SKIN: Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.  
INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.  
INGESTION: Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

**5 FIRE FIGHTING MEASURES:**EXTINGUISHING MEDIA: Use water spray, fog or mist, carbon dioxide (CO<sub>2</sub>), foam

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective but use to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Water spray may be used to flush spills away and dilute spills to non-flammable mixtures. Use water spray to reduce vapours.  
Warn fire-fighters that aerosols are involved.

UNUSUAL FIRE & EXPLOSION HAZARDS: Makes explosive mixtures with air. Extremely flammable. May explode in a fire. May travel considerable distance to source of ignition and flash back.

**6 ACCIDENTAL RELEASE MEASURES:**

SPILL CLEANUP METHODS: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Provide ventilation and confine spill.

**7 HANDLING AND STORAGE:**

USAGE PRECAUTIONS: Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Do not spray near a naked flame or any incandescent material.

STORAGE PRECAUTIONS: Flammable/combustible Keep away from oxidisers, heat and flames. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Protect from sunlight and do not expose to temperatures exceeding 50C.

**8 EXPOSURE CONTROLS AND PERSONAL PROTECTION:**

| INGREDIENT NAME           | CAS No.    | STD | LT EXP<br>(8 hrs) | ST EXP<br>(10 min) |
|---------------------------|------------|-----|-------------------|--------------------|
| ACETONE                   | 67-64-1    | OES | 750 ppm           | 1500 ppm           |
| TOLUENE                   | 108-88-3   | OES | 50 ppm(Sk)        | 150 ppm(Sk)        |
| XYLENE                    | 1330-20-7  | OES | 100 ppm(Sk)       | 150 ppm(Sk)        |
| PROPANE/ISOBUTANE MIXTURE | 68476-86-8 | OES | 1250 ppm          | 1000 ppm           |

VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation.

EYE PROTECTION: Wear splash-proof eye goggles to prevent any possibility of eye contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES:**

COLOUR: Grey paint APPEARANCE: aerosol

PHYSICAL DATA COMMENTS: Flash point method not available for aerosols.  
Physical Data on individual ingredients of this preparation are available on request from the manufacturer

FLASH POINT (°C): N/A FLASH POINT METHOD: N/A

**10 STABILITY AND REACTIVITY:**

STABILITY: Normally stable.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents.

**11 TOXICOLOGICAL INFORMATION:**

HEALTH WARNINGS: Gas or vapour is harmful on prolonged exposure or in high concentrations. Irritant of eyes and mucous membranes. Vapour from this chemical can be hazardous when inhaled. This chemical may cause skin/eye irritation.

MEDICAL SYMPTOMS: Irritation of eyes and mucous membranes. Upper respiratory irritation.

ACUTE AND CHRONIC HEALTH HAZARDS: Repeated exposure may cause chronic eye irritation.  
Repeated exposure may cause chronic upper respiratory irritation. Defatting, drying and cracking of skin

**12 ECOLOGICAL INFORMATION:**

ENVIRONMENTAL HAZARDS: Not available for this preparation. Environmental Data on individual substances available on request from the manufacturer

**13 DISPOSAL CONSIDERATIONS:**

DISPOSAL METHODS: Ensure container is empty and dispose of in accordance with Local Authority regulations. Do not pierce or incinerate even when container is empty.

**14 TRANSPORT INFORMATION:**

|                          |                                                              |                           |      |
|--------------------------|--------------------------------------------------------------|---------------------------|------|
| <u>ROAD:</u>             |                                                              | <u>SEA:</u>               |      |
| UN No:                   | 1950                                                         | UN SEA:                   | 1950 |
| ADR CLASS:               | 2                                                            | SEA TRANSPORT CLASS No.:  | 9    |
| ADR ITEM No.:            | 10(b)2                                                       | IMDG Page No.:            | 9022 |
| ADR LABEL No.:           | 3 Aerosol                                                    | SEA PACK GR.:             | II   |
| LABEL FOR CONVEYANCE:    | Flammable gas (class 2).<br>(red diamond with flame symbol.) | MARINE POLLUTANT:         | No   |
| <u>AIR:</u>              |                                                              | <u>RAIL:</u>              |      |
| UN No:                   | 1950                                                         | RAIL TRANSPORT CLASS No.: | 2    |
| AIR TRANSPORT CLASS No.: | 2.1                                                          |                           |      |
| AIR PACK GR.:            | Non assigned                                                 |                           |      |

**15 REGULATORY INFORMATION:**

LABEL FOR SUPPLY: Extremely flammable.  
(Orange/black with flame symbol.) Harmful  
(Orange/black with St. Andrews Cross)

RISK PHRASES: R-12 Extremely flammable.  
R-20/21 Harmful by inhalation and in contact with skin.

SAFETY PHRASES: S-2 Keep out of reach of children.  
S-51 Use only in well ventilated areas.  
S-16 Keep away from sources of ignition - No Smoking.  
S23a Do not breathe spray or vapour  
S24 Avoid contact with skin

**UK REGULATORY REFERENCES:**

Classification, Packaging and Labelling Regulations 1984. Health and Safety at Work Act 1974.  
The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993.  
H.S.E. EH40/94 Occupational Exposure Limits 1994

**EC DIRECTIVES:**

Aerosol Directive 75/324/EEC as amended by 94/1/EEC Dangerous Preparations Directive 88/379/EEC  
Labelling Directive 91/155/EEC as amended by 93/112/EEC

**STATUTORY INSTRUMENTS:**

The Consumer Protection Act 1987 SI 1140 The Aerosol Dispensers Regulations 1977  
The Classification, Packaging and Labelling of Dangerous Substances Regulations 1984 (SI 1244)  
The Health and Safety at Work etc. Act 1974

**APPROVED CODE OF PRACTICE:**

The Control of Substances Hazardous to Health British Aerosol Manufacturers Code of Practice, 5th.Ed 1988

OTHER INFORMATION SOURCES Material Safety Data Sheet, Misc. manufacturers.

**16 OTHER INFORMATION:**

Contains Xylene and Toluene