

## Responsibility For Distribution

ZIMCHEM REFINERS (PVT) LTD  
Box 41 Redcliff  
Zimbabwe  
Tel +263 55 62260 /263 0712 446 002: Fax + 263 55 62262

## 1. Identification of Product and the Company

**Trade Name:** HARD PITCH

### Identification of the Product

Type of product: Pure product.  
Use of product: Several industrial applications.  
Company Identification: See heading on Material Safety Data Sheet  
Emergency phone number: See footer on Material Safety Data Sheet

## 2. Composition and Information on Ingredients

A residue of coal tar distillation used for several industrial applications.

The full text of the R-phrases is in section 15

## 3. Hazard Identification

- Product is normally stored and used at high temperatures, so immediate hazard is from burning/scalding from the hot liquid.
- Short-term exposure to fumes may lead to drowsiness, headaches and nausea.
- Inhalation may cause irritation of the respiratory tract.
- Long-term skin contact may lead to warts.
- N.B Exposure can be through inhalation, skin and ingestion.

#### 4. First Aid Measures

General Never give anything by mouth to an unconscious person.

##### First Aid Measures

Remove patient to fresh air away from hazard and remove contaminated clothing.  
Send for medical attention.

- Skin:** -Pitch adhering to the skin may be removed by swabbing with vegetable oil or using hand cleaner. Hot product should be drenched with cold water to cool.
- Eye:** -Wash eyes with copious amounts of water for at least 15 minutes. Use eyewash solution.
- Ingestion:** -Do not induce vomiting. If unconscious wash mouth with plenty of water without swallowing. Give 250 ml of water to drink if conscious.
- Inhalation** -Remove to fresh air immediately.  
-Give artificial respiration if breathing has stopped

#### 5. Fire Fighting Measures

Suitable extinguishing media : Use the following extinguishers to fight fires (Dry chemical powder, Foam)

: Do not use a heavy water stream to fight the fire.

Special Procedures : Apply water spray or fog to cool nearby equipment. Avoid fire fighting water to enter environment.

#### 6. Accidental Releases

Personal Precautions : Avoid contact with hot product.  
Eliminate every possible source of ignition (open fire, sparks, and smoking)  
Evacuate all personnel immediately and ventilate area. Avoid breathing vapour.  
Avoid contact with skin, eyes, and clothing. Wear recommended protective clothing (i.e. breathing apparatus to be worn in confined areas, PVC gloves for hand protection, splash proof goggles for eye protection and overalls and work suits.

Environmental Precautions : Shut off leaks if without risk.  
: Use sand or lime to absorb small spills, for large spills create barriers using lime then Reclaim the material  
Cover the spilled product as much as possible with inert material.  
Prevent entry of product in public water, sewers or soil.  
Notify authorities if product enters sewers or public waters

Methods for cleaning up : Collect the spillage in closable, suitable disposal containers.  
Clean up any spills as soon as possible, using an inert absorbent material and dispose as hazardous waste.

## 7. Handling and Storage

Handling : Avoid breathing vapour and contact with skin and eyes.  
Wear recommended protective clothing.

Protection against Fire and Explosion : Always keep away from sources of ignition.

Storage : Ensure vessels have breathers to release pressure build up.

Packaging Material : Carbon steel, Stainless steel, card board boxes, Polyester, Teflon

## 8. Measures( Exposure control / Personal Protection)

Engineering Measures to reduce Exposure : Ventilate area  
Industrial Hygiene : When using do not eat, drink or smoke

### Personal Protection Equipment

Respiratory Protection : Ventilation, Local exhaust, Respiratory protection equipment (Filter type A)  
Hand protection : Gloves (PVA...)  
Eye protection : Splash proof goggles  
Skin and Body Protection : Suitable protective clothing. (Anti-static)

## 9. Physical and chemical properties

Physical state (20 °C) : solid  
Form/ colour : Black  
Boiling point / Range : 370 °C  
Auto-ignition Temperature : >500 °C  
Softening points : 45-90 °C  
Oxidising properties : Not applicable.  
Vapour pressure 20 °C : Not applicable  
Density (20 °C) : 1.260 – 1.290 kg/l  
Solubility in water : 0, 18 g/ 100ml

## 10. STABILITY AND REACTIVITY

Stability : Stable at normal circumstances

**11. TOXICOLOGICAL INFORMATION****Acute toxicity**

- Inhalation : high concentrations of fumes may lead to respiratory complications.  
Symptoms include headache dizziness, excitement, drowsiness,  
nausea, unconsciousness.
- Skin contact : Product may irritate the skin and cause scalds/burns when in liquid state.  
Symptoms include: redness, itching.
- Eye contact : Irritating to eyes  
Symptoms include: Pain, Redness.
- Ingestion : Not to be swallowed.
- Chronic toxicity : Long term exposure may lead to warts

**12. ECOLOGICAL INFORMATION**

- Eco-toxicity : At ambient conditions the product is a solid and has no mobility in environmental compartments.

**13. DISPOSAL CONSIDERATIONS**

- Waste from Residues /Unused Products : The product has to be destroyed according to national  
Or local legislation, or by a company specialised in  
handling hazardous waste products.
- Removal of contaminated packaging : Packaging is to be used exclusively for the packaging  
of this product. Do not use empty container for domestic purposes.  
In case returned packing the empty packing can be  
Offered back to the supplier.

**14. TRANSPORT INFORMATION****Land (road /railroad, ADR/RID)**

- Danger Number : R10  
-Substance Ident.Number (UN-nr) :

**15. REGULATORY INFORMATION**

- Name dangerous component : Tar  
Symbol(s) : Flammable (F).  
Toxic (T)  
R-Phrases : R10-flammable

S-Phrases

R45-May cause cancer.  
R48/23/24/25-Toxic: danger of serious damage  
to health due to prolonged exposure through inhalation ,  
In contact with skin or if swallowed.  
: S45-In case of accident or if you feel unwell, seek  
Medical advice immediately (show the label if possible)  
S53-Avoid exposure-obtain special instructions before use

**16. OTHER INFORMATION**

- This safety data sheet is exclusively made for industrial / professional use

Zimchem Refiners (Pvt) Ltd provides the information contained herein in good faith, but makes no presentation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Zimchem Refiners (Pvt) Ltd warrants that this product is of useable quality. The warranty for a particular purpose is limited to the extent the product is used for the purpose or uses described on the product label or in any written instructions distributed to the buyer by Zimchem Refiners (Pvt) Ltd and is hereby disclaimed should buyer use the products in a manner inconsistent with uses or purposes described therein. It is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product. Since the actual use by others is beyond Zimchem Refiners (Pvt) Ltd's control, no guarantee expressed or implied, is made by Zimchem Refiners (Pvt) Ltd as to the effects of such use, the results to be obtained, or the safety and toxicity of the product.