



## SAFETY DATA SHEET PLASTIC STEEL 5-MINUTE PUTTY(SF) HARDENER.

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name PLASTIC STEEL 5-MINUTE PUTTY(SF) HARDENER.  
Product No. X0015

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

Identified uses Hardener.

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

Supplier ITW DEVCON  
BAY 150  
SHANNON INDUSTRIAL ESTATE  
SHANNON  
CO CLARE  
IRELAND  
T: +353 (0)61471299  
F: 353(0)61471285  
info@itwppe.eu

#### 1.4. Emergency telephone number

+44 (0) 1235 239670

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Not classified.  
Environment  
The product is not expected to be hazardous to the environment.

#### 2.2. Label elements

Risk Phrases  
NC Not classified.  
Safety Phrases  
P13 Safety data sheet available for professional user on request.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

## PLASTIC STEEL 5-MINUTE PUTTY(SF) HARDENER.

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL		1-10%
CAS-No.: 90-72-2	EC No.: 202-013-9	
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R22 Xi;R36/38	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: FIRST AID MEASURES

#### **4.1. Description of first aid measures**

General information

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

Inhalation

Move the exposed person to fresh air at once. Contact physician if discomfort continues.

Ingestion

Do not induce vomiting. Drink plenty of water. Get medical attention.

Skin contact

Remove affected person from source of contamination. Wash skin thoroughly with soap and water for several minutes. Contact physician if irritation persists.

Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

Contact physician if irritation persists.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

### SECTION 5: FIREFIGHTING MEASURES

#### **5.1. Extinguishing media**

Extinguishing media

Fire can be extinguished using: Water spray, carbon dioxide, dry powder or polar resistant foam.

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

Specific hazards

Avoid breathing fire vapours.

#### **5.3. Advice for firefighters**

Special Fire Fighting Procedures

Keep up-wind to avoid fumes. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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

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Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet.

### **6.2. Environmental precautions**

Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

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

Dam and absorb spillages with sand, earth or other non-combustible material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### **6.4. Reference to other sections**

Wear protective clothing as described in Section 8 of this safety data sheet.

## SECTION 7: HANDLING AND STORAGE

### **7.1. Precautions for safe handling**

Use only in well-ventilated areas. Avoid contact with skin and eyes.

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

Store in tightly closed original container in a dry, cool and well-ventilated place.

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

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **8.1. Control parameters**

Ingredient Comments

No exposure limits noted for ingredient(s).

### **8.2. Exposure controls**

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate general and local exhaust ventilation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use protective gloves.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

Hygiene measures

Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. When using do not eat, drink or smoke.

Skin protection

Wear apron or protective clothing in case of contact.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

## PLASTIC STEEL 5-MINUTE PUTTY(SF) HARDENER.

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

Appearance	Paste
Colour	White / off-white.
Odour	Amine.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	>260
Melting point (°C)	n/d
Relative density	1.52 20 °C
Vapour pressure	<1 mmHg 20
pH-Value, Conc. Solution	9.5 @ 20 °C
Flash point (°C)	>149

### 9.2. Other information

Not available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

Strong oxidising agents.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not available.

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

### 10.5. Incompatible materials

Materials To Avoid

Avoid contact with oxidising agents. Nitrous acid and other nitrosating agents.

### 10.6. Hazardous decomposition products

Fire or high temperatures create: Nitrous gases (NOx). Oxides of: Carbon monoxide (CO). Carbon dioxide (CO2). Vapours/gases/fumes of: Ammonia or amines.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Skin contact

Skin irritation is not anticipated when used normally.

Toxicological information on ingredients.

#### 2.4.6-TRIS(DIMETHYLAMINOMETHYL)PHENOL (CAS: 90-72-2)

Toxic Dose 1 - LD 50

1670 mg/kg (oral rat)

Toxic Conc. - LC 50

>0.5 ppm/-- (ihl-rat)

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not release into the environment. Do not discharge into drains, water courses or onto the ground.

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### **12.1. Toxicity**

Acute Fish Toxicity

Not considered toxic to fish.

### **12.2. Persistence and degradability**

Degradability

There are no data on the degradability of this product.

### **12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

### **12.4. Mobility in soil**

Mobility:

Not considered mobile.

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

This product does not contain any PBT or vPvB substances.

### **12.6. Other adverse effects**

Not available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

Waste Class

08 04 99

## **SECTION 14: TRANSPORT INFORMATION**

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### **14.1. UN number**

No information required.

### **14.2. UN proper shipping name**

No information required.

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

No information required.

### **14.4. Packing group**

No information required.

### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

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### 14.6. Special precautions for user

No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

## SECTION 15: REGULATORY INFORMATION

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

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

Revision Date	13/05/2014
Revision	8
Supersedes date	26/08/2011
Date	26/08/2011
Risk Phrases In Full	
R22	Harmful if swallowed.
R36/38	Irritating to eyes and skin.
NC	Not classified.
Hazard Statements In Full	
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.