

## **KX-PDP1,NO.B-10, BLACK DEVELOPER**

### **MSDS Number**

BSBDC

### **National Stock Number**

6850-01-338-0645

### **Product Name**

KX-PDP1,NO.B-10, BLACK DEVELOPER

### **Manufacturer**

TOMOEGAWA PAPER CO LTD

### **Product Identification**

Product ID:KX-PDP1,NO.B-10, BLACK DEVELOPER

MSDS Date:05/15/1987

FSC:6850

NIIN:01-338-0645

Kit Part:Y

MSDS Number: BSBDC

### **Responsible Party**

TOMOEGAWA PAPER CO LTD

5-15 KYOBASHI

1-CHOME,CHUO-KU, TOKYO, JAPAN

Emergency Phone: 092-431-2111

Info Phone: 092-431-2111

Cage: 55643

### **Contractor**

TOMOEGAWA USA INC

WHEELING, IL 60090

US

708-541-3001

Cage: 47642

### **Ingredients**

CARBON BLACK

CAS: 1333-86-4

RTECS: FF5800000

Fraction By Weight: 0.2%

OSHA PEL3.5 MG/M3

ACGIH TLV: 3.5 MG/M3 9293

FERRITE CONTAINING INGREDIENTS NUMBERS 3, 4, AND 5

RTECS: 9999999ZZ

Fraction By Weight: 95.5%

IRON OXIDE

CAS: 1309-37-1

RTECS: NO7400000

OSHA PEL10 MG/M3 (FE)

ACGIH TLV: 5 MG/M3(FE),B2; 9293

COPPER OXIDE

CAS: 1317-38-0

RTECS: GL7900000

ZINC OXIDE

CAS: 1314-13-2

RTECS: ZH4810000

OSHA PEL15MG/M3 TDUST/5 FUME

ACGIH TLV: 10MG/M3 TDUST; 9293

TONER CONTAINING INGRIENTS NUMBERS 7, 8, 9, AND 10

RTECS: 9999999ZZ

IRON OXIDE

CAS: 1317-61-9

OSHA PEL10 MG/M3 TDUST

ACGIH TLV: 5 MG FE/M3 FUME 9293

STYRENE-ACRYLATE COPOLYMER

CAS: 27136-15-8

ORGANIC PIGMENT, PMN NO.P-82-418

CAS: 84179-66-8

AROMATIC METAL SALT, PMN NO. P-85-1368

CAS: 42405-40-3

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MINIMUM IRRITATION TO RESPIRATORY TRACT MAY OCCUR AS WITH EXPOSURE TO ANY NON-TOXIC DUST.

Effects of Overexposure:MINIMUM IRRITATION TO RESPIRATORY TRACT MAY OCCUR AS WITH EXPOSURE TO ANY NON-TOXIC DUST.

Medical Cond Aggravated by Exposure:ACCUMULATION OF DUST IN THE RESPIRATORY SYSTEM.

## First Aid

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR IF EFFECTS OCCUR. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

## Fire Fighting

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER.  
Fire Fighting Procedures: THIS MATERIAL WILL BURN IN THE CASE OF FIRE.  
Unusual Fire/Explosion Hazard: THIS MATERIAL HAS NO UNUSUAL FIRE OR EXPLOSION HAZARDS.

## Accidental Release

Spill Release Procedures: SWEEP UP OR CLEAN UP WITH A VACUUM CLEANER.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: NO SPECIAL STORAGE REQUIREMENTS FOR SAFETY REASONS.  
Other Precautions: NONE

## Exposure Controls

Respiratory Protection: NONE REQUIRED UNDER NORMAL USE.  
Ventilation: NORMAL WORKPLACE VENTILATION IS ADEQUATE.  
Protective Gloves: NONE REQUIRED UNDER NORMAL USE.  
Eye Protection: NONE REQUIRED UNDER NORMAL USE.  
Other Protective Equipment: NONE REQUIRED UNDER NORMAL USE.  
Work Hygienic Practices: INHALATION SHOULD BE AVOIDED. WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING.  
Supplemental Safety and Health  
KEY 1: N1, THIS ENTRY DESCRIBES PART B OF A 2 PART KIT. SEE THIS NSN PN IND A FOR PART A DATA.

## Chemical Properties

HCC: N1  
Spec Gravity: 4.30 (H<sub>2</sub>O=1)  
Solubility in Water: NEGLIGIBLE  
Appearance and Odor: FINE BLACK POWDER. ODORLESS.

## Stability

Stability Indicator/Materials to Avoid: YES  
NONE  
Stability Condition to Avoid: NONE  
Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN.

## Disposal

Waste Disposal Methods: WASTE MATERIAL MAY BE DUMPED OR INCINERATED UNDER CONDITIONS WHICH MEET ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.