

**1. IDENTIFICATION OF PRODUCT AND MANUFACTURER**

TRADE NAME : RIPEX®

CHEMICAL CLASSIFICATION : CYCLIZED RUBBER RESIN

TYPE OF RUBBER ORIGIN : NATURAL RUBBER

MANUFACTURER : PT SUTEK MITRA UTAMA  
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PRODUCT USE : - ADDITIVE FOR PRINTING INKS  
- ADDITIVE FOR ANTI-CORROSION COATINGS  
- MAIN BINDER FOR CHEMICAL (ALKALI) RESISTANT COATINGS

REVISION DATE : OCTOBER 1, 2009

**2. HAZARD IDENTIFICATION**

According to EEC Dangerous Substance Directive and Dangerous Preparation Directive

HEALTH HAZARD : Not classified as a health hazard

FIRE HAZARD : Will burn when ignited

ENVIRONMENTAL HAZARD : Not classified as an environmental hazard

STATEMENT OF HAZARD : The dust may cause eye and skin irritation

**3. COMPOSITION/ INFORMATION ON THE INGREDIENTS**

COMPONENTS	CAS	PERCENTAGE	CLASSIFICATION/ REMARK
Cyclized Rubber	68441-13-4	99 - 100	Modified Natural Rubber Polymer

**4. FIRST AID MEASURES**

INHALATION : Remove person from contaminated area. Should large quantities of the powder or dust be inhaled call medical help.

CONTACT WITH THE SKIN : Wash with plenty of running water using soap.

CONTACT WITH EYES : Wash eyes with plenty of water. Should irritation persist, call medical help.

INGESTION : If large amounts are ingested, the mouth should be washed out with large quantities of water. If necessary seek medical attention.

GENERAL ADVICE : No hazards which require special first aid measured.

**5. FIRE-FIGHTING MEASURES**

MEANS OF EXTINCTION : Sand, Carbon dioxide, dry powder or foam extinguisher.

COMBUSTION PRODUCTS : In case of fire, self-contained breathing equipment would be necessary as combustion gases of organic materials must be classified to be poisonous.

**6. ACCIDENTAL RELEASE MEASURES**

Stop the product entering soil and water. Sweep up into containers for disposal.

## 7. HANDLING AND STORAGE

Product is supplied in three leaf paper Kraft bags containing 25 Kg net of product on shrink-filmed pallets loading 1000 Kg net. The bags should be stored indoors at room temperature in a dry place and far from sources of heat. Smoking should be prohibited. Avoid contact with eyes, skin, and clothing.

## 8. PROTECTION FOR THE PERSONAL

PROTECTION : Use dust masks, chemical splash proof goggles or face shield, and gloves, when handling product

## 9. PHYSICAL AND CHEMICAL CHARACTERISTICS

PHYSICAL STATE : Solid  
COLOUR : Light yellow solid  
ODOUR : Slight and specific  
MELTING POINT : 115 – 135 °C  
DENSITY : Approx. 1.0 g/cm<sup>3</sup>  
VAPOR DENSITY : Not Applicable  
PERCENT VOLATILE (% BY WT.) : Not Available  
PH : Not Applicable  
SATURATION IN AIR (% BY VOL.) : Not Applicable  
EVAPORATION RATE : Not Applicable  
SOLUBILITY IN WATER : Insoluble  
VOLATILE ORGANIC CONTENT : Not Available  
FLASH POINT : Not Applicable  
FLAMMABLE LIMITS (% BY VOL.) : Not Applicable  
AUTOIGNITION TEMPERATURE : Not Available  
DECOMPOSITION TEMPERATURE : Not Available  
PARTITION COEFFICIENT (N-OCTANO/ WATER) : Not Available  
ODOR THRESHOLD : Not Available

## 10. STABILITY AND REACTIVITY

POLYMERISATION POSSIBILITY : None  
STABILITY : Stable  
CONDITION TO AVOID : Avoid sunlight and heat  
HAZARDOUS DECOMPOSITION PRODUCTS : No decomposition if used as prescribed. When decomposed, carbon monoxide and phenol are hazardous decomposition products.

## 11. TOXICOLOGICAL INFORMATION

INHALATION : The product is non toxic. However, resin dust may irritate the respiratory tract and large amounts may block the air passages. Therefore, dust masks should be worn when excessive dust is generated.  
CONTACT WITH THE SKIN : The product is mildly irritant. However, prolonged contact with the skin may cause localised irritation leading to dermatitis, and should be avoided.  
CONTACT WITH EYES : May cause mild eye irritation.  
INGESTION : The product is non toxic for ingestion. However, the preparation or consumption of food or beverages must not be allowed in areas where resin is handled or proceed.

**12. ECOLOGICAL INFORMATION**

The product is relatively neutral, non toxic, and water insoluble. It is, therefore, not classified as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS**

Disposal should be done in accordance with local state or national legislation.

**14. TRANSPORT INFORMATION**

ARD/RID IMDG DGR : Not restricted under these regulations.

**15. REGULATORY INFORMATION**

**International regulations.** The product does not need to be labeled in accordance with EC directives or respective national laws.

The product is in compliance with RoHS.

**Inventory Status of Cyclized Rubber:**

Country (s)	Inventory Name	On Inventory
United States (USA)	TSCA	Yes
Europe	ESNECS	Yes
China	IECSC	Yes
Japan	ENCS	Yes
Canada	DSL	Yes
Australia	AICS	Yes
Philippines	PICCS	Yes

**16. OTHER INFORMATION**

This information is for the specific material designated only and is not valid when it is used in combination with any other materials or in any process. Such information, to the best PT. SUTEK MITRA UTAMA'S knowledge and belief, is accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made for its accuracy, reliability or completeness. The user should perform his own tests for suitability and the final choice remains the sole responsibility of the user.