

# MSDS

LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD  
NO.1-28 TONGGUAN SOUTH ROAD LIANYUNGANG CHINA  
TEL:0186 6126 3302 FAX: 0518 8550 9067 yuantaitrade@163.com

(MATERIAL SAFETY DATA SHEET)

## **SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

### **PRODUCT**

**NAME**

A1101

**CHEMICAL FAMILY**

PETROLEUM HYDROCARBON RESIN

**CAS NUMBER**

64742-16-1

**USE**

ADDITIVE FOR ADHESIVES, PAINTS, COATINGS, INKS

**MANUFACTURER**

**NAME**

LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD

**ADDRESS**

NO.1-28 TONGGUAN SOUTH ROAD LIANYUNGANG CHINA

**TELEPHONE / FAX**

TEL: 0186 6126 3302 FAX: 0518 8550 9067

**EMERGENCY TELEPHONE**

**HEALTH, SAFETY & ENVIRONMENTAL INFORMATION**

0186 6126 3302

## **SECTION 2 : HAZARDS IDENTIFICATION**

**HMIS RATINGS (SCALE 0-4)**

HEALTH = 1 FIRE =1 REACTIVITY = 0 (0 = NO HAZARD, 1 = SLIGHT HAZARD)

**HEALTH EFFECT INFORMATION**

**INHALATION**

INHALATION OF DUSTS OR VAPOR GENERATED BY HEATING MAY CAUSE RESPIRATORY IRRITATION.

**SKIN CONTACT**

PROLONGED SKIN CONTACT MAY CAUSE IRRITATION, WHEN HEATED, THE PRODUCT MAY CAUSE THERMAL BURNS.

**EYE CONTACT**

DUST/POWDER MAY IRRITATE EYE TISSUE.

**INGESTION**

NO INFORMATION AVAILABLE

## **SECTION 3 : COMPOSITION, INFORMATION ON INGREDIENTS**

**COMPONENT**

PETROLEUM HYDROCARBON RESIN 64742-16-1 >99.5

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STABILIZER PROPRIETARY <0.5

## **SECTION 4 : FIRST AID MEASURES**

### **INHALATION**

TAKE PERSON OUT OF CONTAMINATED AREA AND INTO THE FRESH AIR

### **SKIN CONTACT**

WASH WITH SOAP OR DETERGENT AND RINSE WITH WATER

### **EYE CONTACT**

WASH ABUNDENTLY WITH WATER AND GET MEDICAL ATTENTION

### **INGESTION**

GET MEDICAL ATTENTION IMMEDIATELY

## **SECTION 5 : FIRE FIGHTING MEASURES**

### **FLASH POINT**

>270°C

### **NFPA RATINGS (SCALE 0-4)**

HEALTH = 1 FLAMMABILITY =1 REACTIVITY = 0 (0 = MINIMAL, 1 = SLIGHT)

### **FLAMMABILITY CLASS(OSHA)**

IIIB

### **HAZARDOUS COMBUSTION PRODUCTS**

THERMAL DECOMPOSITION PRODUCTS MAY INCLUDE TOXIC OXIDES OF CARBON.

### **EXINGUISHING MEDIA**

CARBON DIOXIDE, DRY POWDER, FOAM, SPARY WATER, SAND

### **SPECIAL FIRE-FIGHTING PROCEDURES**

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTION CLOTHING

## **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS**

WEAR PROTECTIVE EQUIPMENT LISED AT SECTION 8

### **ENVIRONMENTAL PRECAUTIONS**

DO NOT DRAIN OUT THE EFFLUENCE INTO THE SEWERAGE

### **METHOD OF CLEANING UP**

### **RECOVERY**

COLLECT THE PRODUCT IN A CONTAINER PENDING FUTURE

### **DISPOSAL**

USE AUTHORIZED DISCHARGE OR BURN IN APPROVED INSTALLATION

### **CAS NUMBER Weight % Range**

PAGE NO. 2 LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD.

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## **SECTION 7 : HANDLING AND STORAGE**

### **HANDLING**

PREVENT THE INHALATION OF THE DUST OR VAPOR OF PRODUCTS

WEAR PROTECTIVE EQUIPMENT LISTED AT SECTION 8

### **STORAGE**

KEEP AT TEMPERATURE NOT EXCEEDING 30°C

KEEP CONTAINER AWAY FROM THE SUN

## **SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION**

### **EXPOSURE LIMITS**

5 mg/m<sup>3</sup> OSHA (RESPIRABLE DUST)

PROVIDE EXPLOSION PROOF VENTILATION TO MEET EXPOSURE LIMITS

### **PERSONAL PROTECTIVE EQUIPMENT**

#### **RESPIRATOR**

ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW EXPOSURE LIMITS

USE A NIOSH-MSHA APPROVED RESPIRATOR BASED ON CONTAMINATION

LEVELS IN THE WORK PLACE

#### **EYE PROTECTION**

WEAR SPLASH-PROOF OR DUST-RESISTANCE SAFETY GOGGLES

#### **HAND PROTECTION**

WEAR APPROPRIATE PROTECTIVE GLOVES

#### **OTHER PROTECTIVE EQUIPMENT**

WEAR RUBBERIZED APRON TO HELP PROTECT BODY FROM SPILLS OR

MOLTEN RESIN

#### **WORK/HYGIENIC PRACTICES**

EYE WASH STATIONS AND SHOWER FACILITIES SHOULD BE AVAILABLE FOR

EMPLOYEES BEFORE LEAVING WORK

KEEP PRODUCT AWAY FROM FOOD, BEVERAGES AND TOBACCO

## **SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**

### **APPEARANCE/ODOR**

YELLOW, PELLETS, SOLID / PETROCHEMICAL ODOR

### **pH**

NOT APPLICABLE

### **SOLUBILITY**

#### **IN WATER**

INSOLUBLE IN WATER

#### **IN ORGANIC SOLVENT**

SOLUBLE IN ORGANIC SOLVENT

### **FLASH POINT**

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>270°C

PAGE NO. 3 LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD.

**SOFTENING POINT**

94-102°C

**SPECIFIC GRAVITY**

0.96-1.00

**MINIMUM IGNITION ENERGY OF DUST**

<3 mJ

## **SECTION 10 : STABILITY AND REACTIVITY**

**STABILITY**

STABLE UNDER NORMAL STORAGE CONDITION

**CONDITION TO AVOID**

OPEN FLAMES, HIGH TEMPERATURES

**MATERIAL TO AVOID**

STRONG OXIDIZING AGENTS

**HAZARDOUS DECOMPOSITION PRODUCTS**

CARBON MONOOXIDE, CARBON DIOXIDE

**HAZARDOUS POLYMERIZATION**

WILL NOT OCCUR

## **SECTION 11 : TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY**

7g/kg ORAL-MAMMAL LD50 (LD50 > 2000mg/kg)

**SKIN & EYE CONTACT**

MAY CAUSE MECHANICAL EYE AND SKIN IRRITATION TO ALLERGIC PERSONS

SKIN IRRITATION TEST : PRIMARY IRRITATION INDEX (P.I.I) = 0

**CARCINOGENICITY**

NOT LISTED AS CARCINOGEN BY NTP, OSHA, IARC, NIOSH AND ACGIH

## **SECTION 12 : ECOLOGICAL INFORMATION**

**ECOTOXICITY**

NO INFORMATION AVAILABLE

**MOBILITY**

NO INFORMATION AVAILABLE

**PERSISTENCE AND DEGRADABILITY**

NO INFORMATION AVAILABLE

**BIOACCUMULATIVE POTENTIAL**

NO INFORMATION AVAILABLE

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## **OTHER ADVERSE EFFECT**

NO INFORMATION AVAILABLE

## **SECTION 13 : DISPOSAL CONSIDERATIONS**

PAGE NO. 4 LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD  
OBSERVE ALL FEDERAL, STATE AND LOCAL REGULATIONS WHEN  
DISPOSING  
OF THIS PRODUCTS

## **SECTION 14 : TRANSPORT INFORMATION**

### **IMPORMATION NOTE**

SHIPPING DESCRIPTIONS MAY VARY BASED ON MODE OF TRANSPORT,  
QUATITIES,  
PACKAGE SIZE, AND/OR ORIGIN AND DESTINATION. CONSULT YOUR  
COMPANY'S HAZARDOUS MATERIALS/DANGEROUS GOODS EXPERT FOR  
INFORMATION SPECIFIC TO YOUR SITUATION

### **DOT (USA)**

CLASS NOT REGULATED

### **SEA - IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)**

CLASS NOT REGULATED

### **AIR - ICAO (INTERNATIONAL CIVIL AVIATION ORGANIZATION)**

CLASS NOT REGULATED

## **SECTION 15 : REGULATION INFORMATION**

### **EC LABELLING**

NO LABELLING REQUIRED ACCORDING CRITERIA OF EUROPEAN DIRECTIVE  
67/548/EEC AND ITS SUBSEQUENT AMENDMENTS

### **ROHS**

LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD RESIN COMPLIES  
WITH DIRECTIVE 2002/96/EC RELATING TO  
ROHS(DIRECTIVE ON THE RESTRICTION OF THE USE OF HAZARDOUS  
SUBSTANCES  
IN ELECTRICAL AND ELECTRONIC EQUIPMENT)

### **SARA CLASSIFICATION**

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312(40CFR370.21) : NONE  
SARA SECTION 313(40CFR372.65) : NONE

### **INVENTORY STATUS**

**TSCA**(US TOXIC SUBSTANCES CONTROL ACT) : ALL COMPONENTS OF THIS  
PRODUCT ARE LISTED ON THE **TSCA** INVENTORY.

**DSL**(CANADIAN DOMESTIC SUBSTANCES LIST) : ALL COMPONENTS OF THIS

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PRODUCT ARE LISTED ON THE **DSL** INVENTORY.

**EINECS**(EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES) : THIS PRODUCT IS LISTED ON EINECS OR OTHERWISE COMPLIES WITH EINECS REQUIREMENTS.

**AICS/NICNAS**(AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES AND NATIONAL INDUSTRIAL CHEMICALS NOTIFICATION AND ASSESSMENT SCHEME) : ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE **AICS** OR OTHERWISE COMPLY WITH **NICNAS** INVENTORY.

**MITI**(JAPANESE HANDBOOK OF EXISTING AND NEW CHEMICAL SUBSTANCES) : ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE **MITI** INVENTORY.

**KECI**(KOREAN EXISTING CHEMICAL AND CHEMICAL SUBSTANCES) : ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE **KECI** INVENTORY.

**PICCS**(PHILIPPINES INVENTORY OF CHEMICAL AND CHEMICAL SUBSTANCES)

PAGE NO. 5 LIANYUNGANG YUANTAI INTERNATIONAL TRADE CO.,LTD.  
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE **PICCS** INVENTORY.

## **SECTION 16 : OTHER INFORMATION**

**PREPARED BY**

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