

# MSDS

Fushun Huaxing Petroleum Chemical Co., Ltd.  
Yehai Industrial Zone, Xintun Road, Dongzhou District,  
Fushun City, Liaoning Province, China,  
Email: sinoresin@foxmail.com

(MATERIAL SAFETY DATA SHEET)

REVISION DATE : 1/Jan/2014, VERSION 5.

## **SECTION 1 : IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

### **GHS PRODUCT IDENTIFIER**

#### **NAME**

**HX C9-100**

#### **CHEMICAL FAMILY**

**PETROLEUM HYDROCARBON RESIN**

#### **CAS NUMBER**

**64742-16-1**

### **RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:**

#### **RECOMMENDED USE**

ADDITIVE FOR ADHESIVES, PAINTS, COATINGS, INKS

#### **RESTRICTIONS ON USE**

USED FOR RECOMMENDED USE.

### **MANUFACTURER/IMPORTER/SUPPLIER INFORMATION**

#### **SUPPLIER NAME**

FUSHUN HUAXING PETROLEUM CHEMICAL CO., LTD

#### **ADDRESS**

YEHA INDUSTRIAL ZONE, XINTUN ROAD, DONGZHOU DISTRICT FUSHUN CITY, LIAONING  
PROVINCE, 113004, CHINA

#### **TELEPHONE / FAX**

(86) 024-54673888 / (86) 024-54463933

#### **EMERGENCY TELEPHONE**

### **HEALTH, SAFETY & ENVIRONMENTAL INFORMATION**

(86) 024-54673888

## **SECTION 2 : HAZARDS IDENTIFICATION**

### **CLASSIFICATION**

**ANNEX I OF DIRECTIVE 67/548/EEC**

NOT CLASSIFIED

**EU CLP 2008**

NOT CLASSIFIED

**NFPA**

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

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

<b><u>COMPONENT</u></b>	<b><u>CAS NUMBER</u></b>	<b><u>Weight % Range</u></b>
<b>PETROLEUM HYDROCARBON</b>	<b>RESIN 64742-16-1</b>	<b>100</b>

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

### **EYE CONTACT**

FLUSH EYES WITH AMOUNT OF WATER FOR AT LEAST 15 MINUTES.

GET MEDICAL ATTENTION IMMEDIATELY.

### **SKIN CONTACT**

GET MEDICAL ATTENTION IF NEEDED.

DRY AND WASH THOROUGHLY CONTAMINATED CLOTHING AND SHOES BEFORE REUSE.

REMOVE CONTAMINATED CLOTHING AND SHOES. WASH IMMEDIATELY SKIN WITH SOAP AND WATER FOR AT LEAST 15 MINUTES.

### **INHALATION**

GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING.

MOVE VICTIM TO NON-CONTAMINATED PLACE IF SIDE EFFECT OCCURRED.

GET MEDICAL ATTENTION IMMEDIATELY.

### **INGESTION**

GET MEDICAL ATTENTION IF SWALLOWED AMOUNT OF SUBSTANCE.

### **OTHER NOTES FOR PHYSICIAN**

THERE IS NOT SPECIFIC ANTIDOTE. TAKE FUNCTIONALLY MEASURES ACCORDING TO SYMPTOMS.

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

### **SUITABLE(AND UNSUITABLE) EXTINGUISHING MEDIA**

#### **SUITABLE EXTINGUISHING MEDIA**

DRY CHEMICAL, CO<sub>2</sub>, WATER SPRAY, REGULAR FOAM

#### **UNSUITABLE EXTINGUISHING MEDIA**

NOT AVAILABLE

### **IN CASE OF MAJOR FIRE AND LARGE QUANTITIES**

USE REGULAR EXTINGUISHING AGENT AND FINE WATER SPRAY.

### **SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

#### **THERMAL DECOMPOSITION PRODUCTS**

CARBON OXIDES

#### **FIRE AND EXPLOSIVE HAZARD**

IT COULD BE A SLIGHT FIRE HAZARD.

### **SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS**

MOVE CONTAINERS FROM FIRE AREA IF YOU CAN DO IT WITHOUT RISK.

DO NOT SCATTER SPILLED MATERIAL WITH HIGH PRESSURE WATER STREAMS.

MAKE AN EMBANKMENT FOR FURTHER PROCESSING.

USE EXTINGUISHING AGENT SUITABLE FOR TYPE OF SURROUNDING FIRE.

AVOID INHALATION OF THE SUBSTANCE OR COMBUSTION PRODUCTS.

STAY UPWIND AND KEEP OUT OF LOW AREAS.

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

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## PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

KEEP AWAY FROM WATERWAYS AND SEWERS.

ISOLATE EXPOSED AREA.

KEEP UNAUTHORIZED PERSONNEL AWAY.

MOVE MATERIALS TO SUITABLE CONTAINERS FOR LATER DISPOSAL.

## ENVIRONMENTAL PRECAUTIONS AND PROTECTIVE PROCEDURES

### ATMOSPHERE

NOT AVAILABLE

### LAND

NOT AVAILABLE

### UNDERWATER

DO NOT RELEASE SPILLAGE INTO SEWERS.

## THE METHODS OF PURIFICATION AND REMOVAL

### SMALL SPILL

DISPOSE WASTE AS WASTE SYNTHESIS RESIN(GENERAL WASTE).

### LARGE SPILL

COLLECT AND THEN RECYCLE OR DISPOSE AS A WASTE RESIN  
(GENERAL WASTE).

## SECTION 7 : HANDLING AND STORAGE

### PRECAUTIONS FOR SAFE HANDLING

PREVENT SKIN AND EYE CONTACT

AVOID CONTACT IN THE MOLTEN STATE BY HEAT AND VAPOR INHALATION.

WHEN STATIC ELECTRICITY GENERATES, REMOVE BY GROUNDING, CLEANING  
WORK SPACE, AND USING ARTICLES PREVENTING ELECTRIFICATION.

### CONDITIONS FOR SAFE STORAGE

MINIMIZE GENERATION AND ACCUMULATION OF DUST

STORE IN A COOL, DRY AND WELL-VENTILATED AREA.

AVOID CONTACT WITH STRAIGHT SUNLIGHT.

STORE AND USE BY REGULATION OF CENTRAL GOVERNMENT AND LOCAL  
SELF-GOVERNMENT.

## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

### OCCUPATIONAL EXPOSURE LIMITS

#### OSHA

TWA - 5 mg/m<sup>3</sup> (RESPIRABLE DUST FRACTION)

#### BIOLOGICAL EXPOSURE INDEX

NOT AVAILABLE

#### CHINA OCCUPATION OF SAFETY AND HEALTH REGULATION

NOT AVAILABLE

#### APPROPRIATE ENGINEERING CONTROLS

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PROVIDE LOCAL EXHAUST VENTILATION SYSTEM OR OTHER ENGINEERING CONTROLS TO KEEP THE AIRBORNE CONCENTRATIONS OF VAPOR BELOW THEIR RESPECTIVE THRESHOLD LIMIT VALUE.

CHECK LEGAL SUITABILITY OF EXPOSURE LEVEL.

## PERSONAL PROTECTIVE EQUIPMENT

### RESPIRATOR

WEAR NIOSH OR EUROPEAN STANDARD EN 149 APPROVED FULL OR HALF FACE PIECE(WITH GOGGLES) RESPIRATORY PROTECTIVE EQUIPMENT WHEN NECESSARY.

AIR RESPIRATOR ARE REQUIRED IN CASE OF HIGH FREQUENCY USE OR SEVERE EXPOSURE

AIR-PURIFYING RESPIRATOR(HIGH EFFICIENCY PARTICULATE ABSORBER) IN CASE OF UNKNOWN CONCENTRATIONS OR URGENT RISK OF LIFE/HEALTH

AIR-LINE MASK(COMBINATION AIRLINE BREATHING MASK)

AIR-BREATHING APPARAUSE(FULL FACEPIECE)

### EYE PROTECTION

WEAR SAFETY GLASSES(GOGGLES) TO PROTECT EYES FROM DUST.

### HAND PROTECTION

WEAR APPROPRIATE PROTECTIVE GLOVES TO PREVENT EXPOSURE OF SKIN.

### BODY PROTECTION

WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT EXPOSURE OF SKIN.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

#### STATE

SOLID

#### COLOR

YELLOW

#### ODOR

PETROCHEMICAL ODOR

#### ODOR THRESHOLD

NOT AVAILABLE

#### Ph

NOT AVAILABLE

#### MELTING POINT/FREEZING POINT

115~125°C(SOFTENING POINT)

#### INITIAL BOILING POINT AND BOILING RANGE

NOT AVAILABLE

#### FLASH POINT

>270°C

#### EVAPORATION RATE

NOT APPLICABLE

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## FLAMMABILITY(SOLID, GAS)

NOT AVAILABLE

## UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS

NOT AVAILABLE

(DUST EXPLSIVENESS : MINIMUM COMPLEXING ENGERGY(M.I.E TEST) 3~5mJ)

## VAPOR PRESSURE

NOT APPLICABLE

## SOLUBILITY(ies)

INSOLUBLE

## VAPOR DENSITY

NOT APPLICABLE

## SPECIFIC GRAVITY

1.09~1.13

## PARTITION COEFFICIENT(n-OCTANOL/WATER)

NOT APPLICABLE

## AUTO IGNITION TEMPERATURE

NOT AVAILABLE

## DECOMPOSITION TEMPERATURE

NOT AVAILABLE

## SECTION 10 : STABILITY AND REACTIVITY

### CHEMICAL STABILITY AND POSSIBILITY OF HAZARDOUS REACTIONS

STABLE UNDER NORMAL TEMPERATURES AND PRESSURES.

IT WILL NOT OCCUR POLYMERIZATION REACTION.

### CONDITION TO AVOID

AVOID HEAT, FLAMES, SPARKS AND OTHER SOURCES OF IGNITION.

### INCOMPATIBLE MATERIALS

STRONG OXIDIZING AGENT

### HAZARDOUS DECOMPOSITION PRODUCTS

CARBON OXIDES

## SECTION 11 : TOXICOLOGICAL INFORMATION

### INFORMATION ON THE LIKELY ROUTES OF EXPOSURE

VAPOR BY POLYMERIZATION OR DECOMPOSITION MAY CAUSE IRRATATION OF EYES, SKIN, THROAT AND LUNG.

### INFORMATION OF HEALTH HAZARDOUS

#### ACUTE TOXICITY

ORAL : NOT CLASSIFIED (LD50 = 7,000mg/kg(RAT))

DERMAL : NOT CLASSIFIED (NOT AVAILABLE)

INHALATION(DUST/MIST) : NOT CLASSIFIED (NOT AVAILABLE)

#### SKIN CORROSION/IRRITATION

NOT CLASSIFIED

SKIN IRRITATION TEST : NOT IRRITATIVEW BASED ON PRIMARY IRITATION

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INDEX = 0)

**SERIOUS EYE DAMAGE/IRRITATION**

NOT CLASSIFIED (NOT AVAILABLE)

**RESPIRATORY SENSITIZER**

NOT AVAILABLE

**SKIN SENSITIZATION**

NOT CLASSIFIED (NOT AVAILABLE)

**CARCINOGENICITY**

NOT AVAILABLE

IARC : NOT AVAILABLE

NTP : NOT AVAILABLE

OSHA : NOT AVAILABLE

WISHA : NOT AVAILABLE

ACGIH : NOT AVAILABLE

**MUTAGENICITY**

NOT CLASSIFIED (NOT AVAILABLE)

**REPRODUCTIVE TOXICITY**

NOT CLASSIFIED (NOT AVAILABLE)

**SPECIFIC TARGET ORGAN TOXICITY(SINGLE EXPOSURE)**

NOT CLASSIFIED (NOT AVAILABLE)

**SPECIFIC TARGET ORGAN TOXICITY(REPEAT EXPOSURE)**

NOT CLASSIFIED (NOT AVAILABLE)

**ASPIRATION HAZARD**

NOT CLASSIFIED (NOT AVAILABLE)

**SECTION 12 : ECOLOGICAL INFORMATION**

**ECOLOGICAL TOXICITY**

**FISH**

NOT CLASSIFIED (NOT AVAILABLE)

**CRUSTACEA**

NOT CLASSIFIED (NOT AVAILABLE)

**ALGAE**

NOT CLASSIFIED (NOT AVAILABLE)

**PERSISTENCE AND DEGRADABILITY**

**PERSISTENCE**

NOT AVAILABLE

**DEGRADABILITY**

NOT AVAILABLE

**BIOACCUMULATIVE POTENTIAL**

**BIOACCUMULATION**

NOT AVAILABLE

**BIODEGRADATION**

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NOT AVAILABLE.

## MOBILITY IN SOIL

NOT AVAILABLE

## OTHER HAZARD EFFECTS

NOT AVAILABLE

## SECTION 13 : DISPOSAL CONSIDERATIONS

### DISPOSAL METHOD

WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

### DISPOSAL PRECAUTION

CONSIDER THE REQUIRE ATTENTIONS IN ACCORDANCE WITH WASTE TREATMENT MANAGEMENT REGULATION.

## SECTION 14 : TRANSPORT INFORMATION

### UN NUMBER

NOT APPLICABLE

### UN PROPER SHIPPING NAME

NOT APPLICABLE

### TRANSPORT HAZARD CLASS

NOT APPLICABLE

### PACING GROUP

NOT APPLICABLE

### MARINE POLLUTANT

NOT APPLICABLE

### IMPORMATION NOTE

### IN CASE OF FIRE

NOT APPLICABLE

### IN CASE OF LEAKAGE

NOT APPLICABLE

## SECTION 15 : REGULATORY INFORMATION

DESIGNATION ACCORDING TO EC GUIDELINES:

OBSERVE THE NORMAL SAFETY REGULATIONS WHEN HANDLING CHEMICALS.

THE PRODUCTS HAS NOT BEEN CLASSIFIED AND LABELLED IN ACCORDANCE WITH EC DIRECTIVES / RELEVANT NATIONAL LAWS.

\*NATIONAL REGULATIONS

\*WATER HAZARD CLASS:

WATER HAZARD CLASS 1 (SELF-ASSESSMENT): SLIGHTLY HAZARDOUS FOR WATER.

WATER HAZARD CLASSIFICATION WAS DONE ACCORDING TO THE PRECONDITION OF THE VVWWS FROM 27-07-2005.

## SECTION 16 : OTHER INFORMATION

THESE DATA ARE BASED ON OUR PRESENT KNOWLEDGE. HOWEVER, THEY SHALL NOT CONSTITUTE A GUARANTEE FOR ANY SPECIFIC PRODUCT FEATURES AND SHALL NOT

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ESTABLISH A LEGALLY VALID CONTRACTUAL RELATIONSHIP.

DEPARTMENT ISSUING DATA SPECIFICATION SHEET: PRODUCT SAFETY DEPARTMENT

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FUSHUN, CHINA

HUAXING