

# SDS Report

No: JCT-SDS20170614003

Date: 2017/6/14

Page 1 of 1

Client's Name: ZHENGZHOU DACHENG PAINT CO., LTD.

Client's Address: ROOM 1603, UNIT 2, BLOG 10, XINGFUJIAYUAN, DAXUENAN ROAD, ERQI DISTRICT, ZHENGZHOU, CHINA.

Product Name: ACRYLIC ROAD MARKING PAINT

Job Receiving Date: 2017/6/2

Preparation Period: 2017/6/2 - 2017/6/14

Service Requested: Safety Data Sheet (SDS)

Summary: As per request, the contents and formats of the SDS are prepared in accordance with US Regulations Relating to the OSHA Hazard Communication Standard 29 CFR 1910.1200. For details, please refer to the attached Safety Data Sheet (SDS).



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Signed for and on behalf of  
JCT Ltd.



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## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Acrylic Road Marking Paint

Product number: /

### 1.2 Application of the substance / the preparation

End uses: Road line making.

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

Manufacturer/Supplier: Zhengzhou Dacheng Paint Co., Ltd.

Room 1603, Unit 2, Blog 10, Xingfujiayuan, Daxuenan Road, Erqi District, Zhengzhou, China.

Tel: +86-371-86039298

Fax: +86-371-86039298

E-mail: 2329739280@qq.com

Other US contact point: Not available

Further information obtainable from: Zhengzhou Dacheng Paint Co., Ltd.

### 1.4 Emergency telephone number:

Emergency Phone #: +86-15890688215

### 1.5 Reference Number: JCT-SDS20170614003

## Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flam. Liq. 2 - H225;

Acute Tox. 4(dermal) - H312;

Skin Irrit. 2 - H315;

Eye Irrit. 2 - H319;

Acute Tox. 4(inhalation) - H332;

STOT SE 3 - H335;

### 2.2 Label elements

Labelling according to OSHA Hazard Communication Standard (29 CFR 1910.1200).

Hazard pictograms



Signal word

Danger

## Hazard statements

H225	Highly flammable liquid and vapour.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

## Precautionary statement(s)

P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces.-No smoking.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P262	Do not get in eyes, on skin, or on clothing.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P281	Use personal protective equipment as required.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P380	In case of fire: Evacuate area.
P404	Store in a closed container.
P501	Dispose of contents/container in accordance with local/regional/national/international regulation.

## 2.3 Hazards not otherwise classified (HNOC)

No further relevant information available.

## Section 3: Composition / information on ingredients

### 3.1 Substances

Formula: Not applicable

Molecular Weight: Not applicable

### 3.2 Mixture

Description

Mixture of the substances listed below with nonhazardous additions.

Chemical Name	Concentration(%)	Classification according to 29 CFR 1910.1200(OSHA).
Acrylic Resin CAS No: 9003-01-4 EC/List No: 618-347-7	50	Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; STOT SE 3 - H335;
Pigment CAS No: N/A EC/List No: N/A	20	Not classified
Solvent CAS No: N/A EC/List No: N/A	20	Flam. Liq. 3 - H226; Acute Tox. 4(dermal) - H312; Skin Irrit. 2 - H315; Acute Tox. 4(inhalation) - H332;
Packing CAS No: N/A EC/List No: N/A	10	Not classified

## Section 4: First aid measures

### 4.1 Description of first aid measures

General advice

If symptoms persist, call a physician.

After inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

After skin contact

Wash off with soap and plenty of water. Consult a physician.

After eye contact

Flush eyes with water as a precaution. Consult a physician.

After swallowing

Rinse mouth with water. Consult a physician.

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

No further relevant information available.

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

No further relevant information available.

### Section 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing agents

Carbon dioxide, extinguishing powder, foam or water spray.

Unsuitable extinguishing media

No further relevant information available.

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

No further relevant information available.

#### 5.3 Advice for firefighters

Firefighting instructions

Exercise caution when fighting any chemical fire.

Protective equipment

Wear self contained breathing apparatus for fire fighting if necessary.

#### 5.4 Further information

No further relevant information available.

### Section 6: Accidental release measures

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

Use personal protective equipment as required.

#### 6.2 Environmental precautions

Do not allow to enter sewers/surface water. Should not be released into the environment.

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

Contain spillage, and then place in container for disposal according to local regulations.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## Section 7: Handling and storage

### 7.1 Handling

Precautions for safe handling

Avoid contact with skin and eyes. Avoid ingestion and inhalation. Wash hands before breaks and immediately after handling the product.

Information about fire - and explosion protection

Keep away from fire and heat sources.

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

Requirements to be met by storerooms and receptacles

No special requirements.

Information about storage in one common storage facility

Store in a dry, cool and well-ventilated place.

Further information about storage conditions

Keep container tightly closed.

## Section 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see section 7.

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

None of the ingredients is listed.

Additional information: The lists that were valid during the creation were used as basis.

### 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls

Use with local exhaust ventilation. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

General protective and hygienic measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Breathing protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. To

protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained properly.

Hand protection

Handle with gloves.

Eye protection

Use equipment for eye protection tested and approved under appropriate government standards.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Form	Liquid
Color	/
Odor	Slight
Odor Threshold	No data available
pH-value	6 - 8
Change in condition	
Melting point	No data available
Boiling point	> 126 °C
Freezing point	No data available
Flash point(closed cup)	22 °C
Flammability (solid, gaseous)	Not applicable
Auto-Ignition temperature	No data available
Decomposition temperature	No data available
Self-igniting temperature	Product is not selfigniting..
Explosive properties	Product does not present an explosion hazard.
Explosion limits	
Lower	No data available
Upper	No data available
Oxidizing properties	The substance does not belong to oxidizing substances.
Vapour pressure	No data available
Density	No data available
Relative density	No data available
Vapour density	No data available
Evaporation rate	No data available

## Solubility in / Miscibility with

Water Insoluble

Partition coefficient(n-octanol/water) No data available

## Viscosity

Dynamic No data available

Kinematic No data available

## 9.2 Other information

No information available.

## Section 10: Stability and reactivity

### 10.1 Reactivity

Stable under normal conditions.

### 10.2 Chemical stability

Stable at normal temperatures and storage conditions.

### 10.3 Possibility of hazardous reactions

None under normal processing.

### 10.4 Conditions to avoid

Fire, heat sources.

### 10.5 Incompatible materials

Strong oxidizing agents.

### 10.6 Hazardous decomposition products

No data available.

## Section 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

LD50/LC50 values relevant for classification

Chemical Name	Route of exposure	Type of test	Species observed	Dose/duration
Acrylic Resin CAS No: 9003-01-4 EC/List No: 618-347-7	Oral	LD50	Rat	2500 mg/kg

#### Primary irritant effect

Skin corrosion / irritation



Category 2.

Serious eye damage / eye irritation

Category 2.

Respiratory or skin sensitization

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific target organ toxicity - single exposure

Category 3.

Specific target organ toxicity - repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional toxicological information

No further relevant information available.

## Section 12: Ecological information

### 12.1 Toxicity

No data is available for the product. Component data is listed below:

Chemical Name	
Acrylic Resin	LC50 - <i>Lepomis macrochirus</i> - 580 mg/l - 96 h;
CAS No: 9003-01-4	EC50 - <i>Daphnia magna</i> - 168 mg/l - 96 h;
EC/List No: 618-347-7	

### 12.2 Persistence and degradability

Persistence is unlikely.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

## 12.5 Other adverse effects

No data available.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

Recommendation - Product

Follow all local, state, and federal regulations for disposal of waste chemicals.

Recommendation - Uncleaned packaging

Follow all local, state, and federal regulations for disposal of waste chemicals.

## Section 14: Transport information

### 14.1 UN-Number

DOT(US) UN1263

IMDG / IMO UN1263

IATA / ICAO UN1263

### 14.2 UN proper shipping name

DOT(US) PAINT

IMDG / IMO PAINT

IATA / ICAO PAINT

### 14.3 Transport hazard class(es)

DOT(US) 3

IMDG / IMO 3

IATA / ICAO 3

### 14.4 Transport hazard subclass

DOT(US) Not regulated

IMDG / IMO Not regulated

IATA / ICAO Not regulated

### 14.5 Packing group

DOT(US) III

IMDG / IMO III

IATA / ICAO III

14.6 Environmental hazards Marine pollutant: No

14.7 Special precautions for user No special precautions required.

14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

**Cautions during transportation:** The product should not be mixed and transported with oxidants. Package during transportation should be complete and loading should be proper. Ensure no leakage, collapse, fall and damage of containers during transportation. Solarization, rain and high temperature should be prevented during transportation. Transportation vehicles should be equipped with fire fighting devices and leakage emergency handling equipment of corresponding types and quantity. Exhaust pipes of vehicles to transfer the product should be equipped with fire resistance devices and vehicles should be far away from fire and heat sources during stopover. Humping is forbidden during transportation by railway.

## Section 15: Regulatory information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture.  
Section 355 (extremely hazardous substances)

SARA

None of the ingredients is listed.

Section 313 (Specific toxic chemical listings)

None of the ingredients is listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed.

Proposition 65

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogen categories

EPA (Environmental Protection Agency)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

NIOSH-Ca (National Institute for Occupational and Health)

None of the ingredients is listed.

## Section 16: Other information

### 16.1 Abbreviations and acronyms

DOT	U.S. Department of Transportation.
IMDG	International Maritime Code for Dangerous Goods.
IMO	International Maritime Organization
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organization
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
CAS	Chemical Abstracts Service
LC50	Lethal concentration, 50 percent.
LD50	Lethal dose, 50 percent.
EC50	50% effective concentration
BCF	Bioconcentration factor
IC50	half maximal inhibitory concentration
NOEC	no observed effect concentration
LOEC	Lowest Observed Effect Concentration
IARC	International Agency for Research on Cancer.
STEL	STEL (Short Term Exposure Limit).
TWA	TWA (time-weighted average).
IDLH	Immediately Dangerous To Life And Health

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

### DISCLAIMER OF LIABILITY

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# Safety Data Sheet

29 CFR 1910.1200(OSHA)

Printing Data: 2017/6/14

Page 12 of 12

Revision: 2017/6/14

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