

## **SAFETY DATA SHEET**

### **Jewel Paints Aerosol Prefilled Paint**

#### **1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

PRODUCT NAME Aerosol Paint  
PRODUCT NO. Jewel Paints Aerosol  
APPLICATION Paint  
SUPPLIER Jewel Paints (West Midlands)Ltd  
Units 313-315  
Heath Street  
Smethwick  
West Midlands  
B66 2QY  
Tel 0121-558-6191

#### **2 COMPOSITION/INFORMATION ON INGREDIENTS**

Name EC No. CAS-No. Content Classification  
ACETONE 200-662-2 67-64-1 30-60% F;R11 Xi;R36 R66 R67  
BUTANONE 201-159-0 78-93-3 10-30% F;R11 Xi;R36 R66 R67  
DIMETHYL ETHER 204-065-8 115-10-6 30-60% F+;R12  
The Full Text for all R-Phrases are Displayed in Section 16

#### **3 HAZARDS IDENTIFICATION**

Extremely flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R36. F+;R12. R66, R67.

##### **ENVIRONMENT**

This product does not contain substances which are harmful to aquatic organisms or which may cause long term effects to the aquatic environment

##### **PHYSICAL AND CHEMICAL HAZARDS**

Aerosol containers can explode when heated, due to excessive pressure build-up. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

##### **HUMAN HEALTH**

Gas or vapour is harmful on prolonged exposure or in high concentration. In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

#### **4 FIRST-AID MEASURES**

##### **GENERAL INFORMATION**

Move the exposed person to fresh air at once.

##### **INHALATION**

In case of inhalation of spray mist: Move person into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

##### **INGESTION**

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

##### **SKIN CONTACT**

Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.

##### **EYE CONTACT**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

#### **5 FIRE-FIGHTING MEASURES**

##### **EXTINGUISHING MEDIA**

Extinguish with foam, carbon dioxide, dry powder or water fog.

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

Water spray should be used to cool containers. Use water to keep fire exposed containers cool and disperse vapours. Warn firefighters that aerosols are involved.

##### **UNUSUAL FIRE & EXPLOSION HAZARDS**

Extremely flammable. Forms explosive mixtures with air. May travel considerable distance to source of ignition and flash back. Aerosol cans may explode in a fire.

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##### **SPECIFIC HAZARDS**

Aerosol containers can explode when heated, due to excessive pressure build-up.

## **6 ACCIDENTAL RELEASE MEASURES**

### **PERSONAL PRECAUTIONS**

Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Avoid inhalation of vapours and aerosol spray.

### **ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material.

### **SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb spillage with non-combustible, absorbent material. Let evaporate. Keep out of confined spaces because of explosion risk.

## **7 HANDLING AND STORAGE**

### **USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Do not spray near a naked flame or any incandescent material.

### **STORAGE PRECAUTIONS**

Extremely flammable. Keep away from heat, sparks and open flame. Store at moderate temperatures in dry, well ventilated area. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

## **8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name Std LT - ppm LT - mg/m<sup>3</sup> ST - ppm ST - mg/m<sup>3</sup>

DIMETHYL ETHER WEL 400 ppm 766 mg/m<sup>3</sup> 500 ppm 958 mg/m<sup>3</sup>

ACETONE WEL 500 ppm 1210 mg/m<sup>3</sup> 1500 ppm 3620 mg/m<sup>3</sup>

BUTANONE WEL 200 ppm(Sk) 600 mg/m<sup>3</sup>(Sk) 300 ppm(Sk) 899 mg/m<sup>3</sup>(Sk)

### **INGREDIENT COMMENTS**

OES = Occupational Exposure Standard.

### **ENGINEERING MEASURES**

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of spray.

### **RESPIRATORY EQUIPMENT**

In case of inadequate ventilation use suitable respirator.

### **HAND PROTECTION**

Due to the packaging form, aerosol, risk of skin contact is small. For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### **EYE PROTECTION**

Use eye protection. Wear approved chemical safety goggles where eye exposure is reasonably probable.

### **HYGIENE MEASURES**

Wash hands after handling. Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

### **PERSONAL PROTECTION**

When using do not smoke.

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE Aerosol

ODOUR Organic solvents.

PHYSICAL DATA COMMENTS Information given concerns the major ingredient.

FLASH POINT (°C) <-41° AUTO IGNITION TEMPERATURE (°C)

350

FLAMMABILITY LIMIT - LOWER(%) 3.4 FLAMMABILITY LIMIT - UPPER(%) 18

## **10 STABILITY AND REACTIVITY**

### **STABILITY**

Avoid: Heat, sparks, flames.

### **CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid exposing aerosol containers to high temperatures or direct sunlight.

### **HAZARDOUS DECOMPOSITION PRODUCTS**

By fire, toxic gases (CO, CO<sub>2</sub>, NO<sub>x</sub>) may be formed.

## **11 TOXICOLOGICAL INFORMATION**

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### **GENERAL INFORMATION**

Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

### **INHALATION**

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea. Unconsciousness, possibly death.

#### SKIN CONTACT

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

#### EYE CONTACT

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting. Repeated exposure may cause chronic eye irritation.

#### HEALTH WARNINGS

Arrhythmia, (deviation from normal heart beat).

In high concentrations, vapours and aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

#### ROUTE OF ENTRY

Inhalation.

#### TARGET ORGANS

Central nervous system. Respiratory system, lungs.

#### MEDICAL SYMPTOMS

Arrhythmia, (deviation from normal heart beat). Narcotic effect. Vapours may cause drowsiness and dizziness. Skin irritation. Irritation of eyes

### 12 ECOLOGICAL INFORMATION

#### ECOTOXICITY

No negative effects on the aquatic environment are known. The product is not expected to be toxic to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Do not puncture or incinerate even when empty.

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk).

Empty containers must not be burned because of explosion hazard.

### 14 TRANSPORT INFORMATION

GENERAL This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

These

provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing that they are labelled in accordance with the requirements of these regulations to show that they are being transported as Limited Quantities.

Aerosols not so packed and labelled must show the following.

UK ROAD CLASS 2

PROPER SHIPPING NAME AEROSOLS

UN NO. ROAD 1950 UK ROAD PACK GR. Not applicable

ADR CLASS NO. 2, 5F ADR CLASS Class 2.1: Flammable gases.

ADR PACK GROUP Not Applicable HAZARD NO. (ADR) 23 Flammable gas.

ADR LABEL NO. 3 CEFIC TEC(R) NO. 20G53

RID CLASS NO. 2 RID PACK GROUP Not Applicable

UN NO. SEA 1950 IMDG CLASS 2.1

IMDG PAGE NO. 2102 IMDG PACK GR. Not Applicable

EMS 2-13 UN NO. AIR 1950

ICAO CLASS 2.1 AIR PACK GR. Not Applicable

### 15 REGULATORY INFORMATION

#### LABELLING

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### Prefilled Paint No. 1

Irritant Extremely Flammable

#### RISK PHRASES

R12 Extremely flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

#### SAFETY PHRASES

S2 Keep out of the reach of children

S16 Keep away from sources of ignition - No smoking.

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well-ventilated areas.

U1 Do not breathe vapour or spray.

#### UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

#### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EEC. System of specific information relating to Dangerous Preparations. 2001/58/EEC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 & 1999

**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

**GUIDANCE NOTES**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

**NATIONAL REGULATIONS**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

**16 OTHER INFORMATION**

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**SAFETY DATA SHEET STATUS**

Approved.

DATE 01/2/2013

**RISK PHRASES IN FULL**

R11 Highly flammable.

R12 Extremely flammable.

R36 Irritating to eyes.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

**DISCLAIMER**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date

indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility

to satisfy himself as to the suitability of such information for his own particular use.