



# SAFETY DATA SHEET

## Industrial Line Marking Paint B

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME Industrial Line Marking Paint B  
 PRODUCT NO. B6001-6006B  
 APPLICATION Speciality Paint  
 SUPPLIER Plasti-Kote Ltd.  
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### 2 HAZARDS IDENTIFICATION

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

CLASSIFICATION F+;R12. R66, R67.

#### ENVIRONMENT

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

#### PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

#### HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name                            | EC No.    | CAS-No.    | Content | Classification                            |
|---------------------------------|-----------|------------|---------|---|
| DIMETHYL ETHER                  | 204-065-8 | 115-10-6   | 10-30%  | F+;R12                                    |
| BUTYL ACETATE -norm             | 204-658-1 | 123-86-4   | 10-30%  | R10 R66 R67                               |
| ACETONE                         | 200-662-2 | 67-64-1    | 10-30%  | F;R11 Xi;R36 R66 R67                      |
| BUTANE                          | 203-448-7 | 106-97-8   | 5-10%   | F+;R12                                    |
| 1-METHOXY-2-PROPANOL            | 203-539-1 | 107-98-2   | 1-5%    | R10                                       |
| SOLVENT NAPHTHA, LIGHT AROMATIC | 265-199-0 | 64742-95-6 | 1-5%    | Xn;R65. Xi;R37. N;R51/53.<br>R10,R66,R67. |
| METHYL METHACRYLATE             | 201-297-1 | 80-62-6    | < 1%    | F;R11 R43 Xi;R37/38                       |
| 1,2,4-TRIMETHYLBENZENE          | 202-436-9 | 95-63-6    | < 1%    | R10 Xn;R20 Xi;R36/37/38 N;R51/53          |

The Full Text for all R-Phrases are Displayed in Section 16

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## 4 FIRST-AID MEASURES

### GENERAL INFORMATION

Move the exposed person to fresh air at once.

### INHALATION

Move the exposed person to fresh air at once. 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 if any discomfort continues.

### SKIN CONTACT

Wash skin with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

### SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

### SPECIFIC HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### STORAGE PRECAUTIONS

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. 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

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| Name                   | Std | TWA - 8 hrs |            | STEL - 15 min |            | Notes |
|------------------------|-----|-------------|------------|---------------|------------|-------|
|                        |     |             |            |               |            |       |
| 1,2,4-TRIMETHYLBENZENE | WEL | 25 ppm      | 125 mg/m3  |               |            |       |
| 1-METHOXY-2-PROPANOL   | WEL | 100 ppm     | 375 mg/m3  | 150 ppm       | 560 mg/m3  | Sk    |
| ACETONE                | WEL | 500 ppm     | 1210 mg/m3 | 1500 ppm      | 3620 mg/m3 |       |
| BUTANE                 | WEL | 600 ppm     | 1450 mg/m3 | 750 ppm       | 1810 mg/m3 |       |
| BUTYL ACETATE -norm    | WEL | 150 ppm     | 724 mg/m3  | 200 ppm       | 966 mg/m3  |       |
| DIMETHYL ETHER         | WEL | 400 ppm     | 766 mg/m3  | 500 ppm       | 958 mg/m3  |       |
| METHYL METHACRYLATE    | WEL | 50 ppm      | 208 mg/m3  | 100 ppm       | 416 mg/m3  |       |

WEL = Workplace Exposure Limit.  
 Sk = Can be absorbed through skin.

## RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

## HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

## EYE PROTECTION

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

## HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                               |  |                                |         |
|-------------------------------|--|--------------------------------|---------|
| APPEARANCE                    | Aerosol  |                                |         |
| COLOUR                        | Varying  |                                |         |
| ODOUR                         | of solvents  |                                |         |
| PHYSICAL DATA                 | Information given concerns the major ingredient. 23 Flammable gas. |                                |         |
| COMMENTS                      |  |                                |         |
| FLASH POINT (°C)              | <-40°C   | AUTO IGNITION TEMPERATURE (°C) | 410-580 |
| FLAMMABILITY LIMIT - LOWER(%) | 1.8%   | FLAMMABILITY LIMIT - UPPER(%)  | 9.5%    |

## 10 STABILITY AND REACTIVITY

### STABILITY

Highly volatile.

### CONDITIONS TO AVOID

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

## 11 TOXICOLOGICAL INFORMATION

### SKIN CONTACT

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

### EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

### HEALTH WARNINGS

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

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**ROUTE OF ENTRY**

Inhalation.

**TARGET ORGANS**

Central nervous system. Respiratory system, lungs.

**MEDICAL SYMPTOMS**

Narcotic effect. Vapours may cause drowsiness and dizziness.

**12 ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product contains a substance which is harmful to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses. Do not allow to enter drains, sewers or watercourses.

**13 DISPOSAL CONSIDERATIONS**

**DISPOSAL METHODS**

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION**



|                         |                                      |                |          |
|-------------------------|--------------------------------------|----------------|----------|
| PROPER SHIPPING NAME    | AEROSOLS (IATA: Aerosols, flammable) |                |          |
| UN NO. ROAD             | 1950                                 | ADR CLASS NO.  | 2, 5F    |
| ADR CLASS               | Class 2.1: Flammable gases.          | ADR PACK GROUP | -        |
| TUNNEL RESTRICTION CODE | (E)                                  | ADR LABEL NO.  | 2.1      |
| RID CLASS NO.           | 2, 5F                                | RID PACK GROUP | -        |
| UN NO. SEA              | 1950                                 | IMDG CLASS     | 2.1      |
| IMDG PACK GR.           | -                                    | EMS            | F-D, S-U |
| UN NO. AIR              | 1950                                 | AIR CLASS      | 2.1      |
| AIR PACK GR.            | -                                    |                |          |

**15 REGULATORY INFORMATION**

**LABELLING**



Extremely Flammable

**RISK PHRASES**

- R12 Extremely flammable.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

# Industrial Line Marking Paint B

## SAFETY PHRASES

|     |   |
|-----|---|
| S2  | Keep out of the reach of children   |
| S16 | Keep away from sources of ignition - No smoking.  |
| S23 | Do not breathe vapour/spray.  |
| S37 | Wear suitable gloves.   |
| S51 | Use only in well-ventilated areas.  |
| A1  | Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. |
| A2  | Do not spray on a naked flame or any incandescent material.   |

## UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations.

## EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC. Aerosol directive 75/324/EEC as amended by 94/01/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. The Aerosol Dispensers Regulations 1977 and 1997.

## APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Association Standard

## 16 OTHER INFORMATION

REVISION DATE 05-01-2009

## RISK PHRASES IN FULL

|           |   |
|-----------|---|
| R10       | Flammable.  |
| R11       | Highly flammable.   |
| R12       | Extremely flammable.  |
| R20       | Harmful by inhalation.  |
| R36       | Irritating to eyes.   |
| R36/37/38 | Irritating to eyes, respiratory system and skin.  |
| R37       | Irritating to respiratory system.   |
| R37/38    | Irritating to respiratory system and skin.  |
| R43       | May cause sensitisation by skin contact.  |
| R51/53    | Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| R65       | Harmful: may cause lung damage if swallowed.  |
| 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.