



SAFETY DATA SHEET
CARTRIDGE P (150ML 330ML 350ML 380ML)

Page 1
Issued: 16/01/2008
Revision No:

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

Product name: CARTRIDGE P (150ML 330ML 350ML 380ML)
Company name: 2K polymer systems limited
Venture Crescent
Alfreton
Derbyshire
DE55 7RA
UK
Tel: +44 (0) 1773 540 440
Fax: +44 (0) 1773 607 638
Email: info@2kps.net

2. HAZARDS IDENTIFICATION

Main hazards: Flammable. Harmful by inhalation. Irritating to eyes and skin.
Workplace exposure limit: This substance does not have a workplace exposure limit.
PBT: This substance is not identified as a PBT substance.
Directive 1999/45/EC: This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: STYRENE 10-30%
EINECS: 202-851-5 CAS: 100-42-5
[-] R10; [Xn] R20; [Xi] R36/38

4. FIRST AID MEASURES

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Do not induce vomiting. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
Exposure hazards: Flammable. In combustion emits toxic fumes.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid direct contact with the substance.

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: STYRENE

UK - 8 hour TWA: 430 mg/m³

UK - 15 min. STEL: 1080 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Hand protection: Impermeable gloves.

Eye protection: Safety goggles.

Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Paste

Colour: Off-white

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Highly viscous

Boiling point/range °C: 145.14

Melting point/range °C: -30.6

Flammability limits %: lower: No Data

upper: No Data

Flash point °C: 32

Part.coeff. n-octanol/water: N/A

Autoflammability °C: 490

Vapour pressure: 670 Pa @ 20 °C

Relative density: 1.7**pH:** N/A**VOC g/l:** No Data**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Direct sunlight. Sources of ignition.**Materials to avoid:** Strong acids. Strong bases. Oxidising agents.**Haz. decomp. products:** In combustion emits toxic fumes.**11. TOXICOLOGICAL INFORMATION****Acute effects:** Harmful by inhalation. Irritating to eyes and skin.**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)****Skin contact:** There may be irritation and redness at the site of contact.**Eye contact:** There may be irritation and redness.**Ingestion:** Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.**Inhalation:** There may be a feeling of tightness in the chest with shortness of breath.**12. ECOLOGICAL INFORMATION****Mobility:** Heavier than water. Insoluble in water.**Persistence and degradability:** Biodegradable in part only.**Bioaccumulative potential:** No data available.**PBT identification:** This substance is not identified as a PBT substance.**13. DISPOSAL CONSIDERATIONS****Disposal operations:** D10 Incineration on land.**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****Labelling:** Exempt CI 2.2.3.1.5**IMDG / IMO****Labelling:** Exempt. IMDG Code Clause 2.3.2.5**IATA / ICAO****UN no:** 1866**Class:** 3

Packing group: III**Packing instructions:** 310**Labelling:** 3**15. REGULATORY INFORMATION****Hazard symbols:** Harmful.**Risk phrases:** R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

Safety phrases: S23: Do not breathe vapour.

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

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

Haz. ingredients (label): STYRENE

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Risk phrases used in s.3: R10: Flammable.

R20: Harmful by inhalation.

R36/38: Irritating to eyes and skin.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.