



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

Product name: THERMOPLASTIC ROADMARKING

Synonyms: YELLOW BRIGHTLINE

Company name: Kelly Bros (Erin) Ltd.
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2. HAZARDS IDENTIFICATION

Main hazards: May cause harm to the unborn child. Danger of cumulative effects. Limited evidence of a carcinogenic effect. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.

Other hazards: Danger of serious damage to health by prolonged exposure.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: TP RESIN (*WEL) 10-30%

- OIL (*WEL) 1-10%

- YELLOW PIGMENT 1-10%

EINECS: 215-693-7 CAS: 1344-37-2

[T] R61; [Xn] R33; [Xn] R40; [N] R50/53; [Xn] R62

- FILLER M (*WEL) 10-30%

EINECS: 2404402 CAS: 16389-88-1

- POLYMER ST <1%

CAS: 39-02-5201

[Xn] R20; [Xi] R36/37

- CALCIUM MAGNESIUM CARBONATE (*WEL) 50-70%

CAS: 16389-88-1

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

5. FIRE-FIGHTING MEASURES

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used.
Exposure hazards:	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. Evacuate the area immediately. Do not create dust.
Environmental precautions:	Do not discharge into drains or rivers. Alert the neighbourhood to the presence of fumes or gas.
Clean-up procedures:	Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

7. HANDLING AND STORAGE

Handling requirements:	Avoid the formation or spread of dust in the air.
Storage conditions:	Store in cool, well-ventilated area. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:	TP RESIN UK - 8 hour TWA: 5mg/m ³ • OIL UK - 8 hour TWA: 5mg/m ³ UK - 15 min. STEL: 10mg/m ³ • FILLER M UK - 8 hour TWA: 4mg/m ³ (Respirable dust) • POLYMER ST UK - 8 hour TWA: 10mg/m ³ • CALCIUM MAGNESIUM CARBONATE UK - 8 hour TWA: 4mg/m ³ (Respirable dust)
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Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Respiratory protective device with particle filter.
Hand protection:	Protective gloves.
Eye protection:	Ensure eye bath is to hand.
Skin protection:	Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

State:	Powder
Colour:	Yellow
Odour:	Odourless

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Repeated dose toxicity: Danger of cumulative effects.
CMR effects: Limited evidence of a carcinogenic effect.

11. TOXICOLOGICAL INFORMATION (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

12. ECOLOGICAL INFORMATION

Persistence and degradability: Biodegradable.
Bioaccumulative potential: No bioaccumulation potential.
Other adverse effects: Negligible ecotoxicity.
PBT identification: This substance is not identified as a PBT substance.

13. DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID: UN no: Not Classified.
IMDG / IMO: UN no: Not Classified.
IATA / ICAO: UN no: Not Classified.

15. REGULATORY INFORMATION

Hazard symbols: Toxic.



Risk phrases: R61: May cause harm to the unborn child.
R33: Danger of cumulative effects.
R40: Limited evidence of a carcinogenic effect.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.
S38: In case of insufficient ventilation, wear suitable respiratory equipment.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S53: Avoid exposure - obtain special instructions before use.

Precautionary phrases: Restricted to professional users.

Haz. ingredients (label): YELLOW PIGMENT

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:

R61: May cause harm to the unborn child.

R33: Danger of cumulative effects.

R40: Limited evidence of a carcinogenic effect.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62: Possible risk of impaired fertility.

R20: Harmful by inhalation.

R36/37: Irritating to eyes and respiratory system.

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.