

Safety Data Sheet

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name: APCO THERMOPLASTIC ROAD MARKING PAINT

Synonyms:

Thermoplastic Road Marker White Screed
Thermoplastic Road Marker White Extrusion
Thermoplastic Road Marker White Profile
Thermoplastic Road Marker Black Screed
Thermoplastic Road Marker Black Extrusion
Thermoplastic Road Marker Black Profile
Thermoplastic Road Marker Yellow Screed
Thermoplastic Road Marker Yellow Extrusion
Thermoplastic Road Marker Yellow Profile

Recommended Uses:	Traffic Marking
Supplier:	APCO Coatings (A Division of Asian Paints (QLD) Pty Ltd)
ABN or ACN:	39062258155
Street Address	111, Kurrajong Ave, Mount Druitt, NSW, 2770
Telephone Number:	(02) 9832 0000
Fax:	(02) 9832 8888
Emergency Telephone Number	Australia: 1800 033 111 New Zealand: 0800 734 607

2. HAZARDS IDENTIFICATION

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

Classification of the Substance or mixture:

Carcinogenicity- Category 2

SIGNAL WORD: Warning



Hazard Statement:

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H351 Suspected of Causing Cancer

Precautionary Statements:

P201 Obtain special instruction before use
 P281 Use personal protective equipment as required
 P308+P313 IF exposed or concerned: Get medical advice/attention
 P405 Store Locked up
 P501 Dispose of content/container in accordance with local/regional/national/international regulation

Poison Schedule : Not allocated

3. COMPOSITION INFORMATION

Chemical Entity	CAS No.	Proportion (%w/w)
Titanium Dioxide	13462-67-7	2.5-10%
Ingredients determined to be non-hazardous	-	Balance

4. FIRST AID MEASURES

If Poisoning occurs, contact a doctor or poisons information Centre (Phone Australia 131 126, New Zealand 0800 764 766)

Inhalation

Move to fresh air. Consult a physician if symptoms persists.

Skin contact

In case of BURNS, remove patient from heat source. Immediately cool affected skin for as long as possible with cold water. Remove smoldering clothing, including shoes, boots and jewelry unless adhering to skin. Do not remove clothing if adhering to skin. Do not attempt to remove the molten thermoplastic from the skin. Removal could result in severe tissue damage. Cover patient with dry clean sheet. Conduct primary survey. If indicated, transport patient to emergency treatment facility. Wash affected area immediately with soap and plenty of water. Remove contaminated clothing and launder before reuse. Consult a physician if symptoms persist

EYE CONTACT:

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Contact with molten materials requires immediate medical assistance. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician if symptoms persist.

INGESTION:

Do NOT induce vomiting. If conscious, rinse mouth and drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

Medical attention

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazchem Code: Not applicable.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None expected.

SPECIAL FIREFIGHTING PROCEDURES:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

EXTINGUISHING MEDIA:

Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog

6. ACCIDENTAL RELEASE MEASURES

Minor spill

Wear protective equipment to prevent skin and eye contamination. Wipe out with absorbent (clean rag or paper towel) or absorb with sand. Allow absorbent to dry before disposing with normal household garbage.

Major spill

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapors. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Dangerous Goods – Initial Emergency Response Guide No: Not applicable

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7. HANDLING AND STORAGE

HANDLING:

Ensure adequate ventilation. Avoid breathing vapor, mists or dust. Avoid contact with eyes, skin, and clothing. Wear appropriate personal protective equipment. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Observe good industrial hygiene practices. Avoid dust formation. Fine dust dispersed in air may ignite. Do not reheat product packaged in light metal containers. The light metal containers will not safely support the movement or transfer of the product in a hot, molten form. Do not heat over 260°C/500°F in a closed container. This product when heated to above 260°C/500°F can lead to flashing. Appropriate protective equipment must be worn when mixing and applying this product. Keep away from heat and sources of ignition. The thermoplastic bag can be hazardous when empty, because it can retain product residue. Therefore do not reuse container for food, clothing, or products for human or animal consumption or where skin contact may occur. Always obey hazard warnings and handle containers as if they were full. The meltable bag is compatible with the thermoplastic allowing them to melt and become part of the hot melt mixture at application temperature.

STORAGE:

Keep container tightly closed in a dry and well-ventilated place. Keep in properly labeled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National /occupational Exposure Limits

No value assigned for this specific material by Safe Work Australia or Department of Labor New Zealand.

Biological Limit Values

As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

Engineering controls

Use only in well ventilated areas. Keep containers closed when not in use.

Personal protective equipment

B: OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear chemical safety glasses/goggles or face shield and impervious gloves. Available information suggests that gloves made from Nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

If risk of inhalation of exists, wear organic vapor/ particular respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

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Hygiene Measures

Keep away from food, drink and animal feeding stuff. When using do not eat, drink or smoke. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapor, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Unit of measurement	Typical value
Appearance	-	Solid
Odour	-	Odorless
Solubility	-	Not miscible in water
Vapor Pressure @ 25°C	kPa	Not available
Boiling Point	°C	Not Applicable
% Volatile by Volume	%	Not Available
Melting Point/Range	°C	Not Available
Autoignition Temperature	°C	Not Applicable
Decomposition Point	°C	Not Available
Flash Point	°C	Not Applicable
Flammability Limits	%	Not Applicable
Density @ 25°C	g/ml	1.4-1.7
Volatile content	%(w/w)	< 1%

10. STABILITY AND REACTIVITY

Reactivity

No reactivity hazards are known for the material.

Chemical stability

This material is thermally stable when stored and used as directed.

Conditions to avoid

Elevated temperature and source of ignition.

Incompatible materials

Oxidizing agents.

Hazardous decomposition products

Oxides of carbon and nitrogen, smoke and other toxic fumes.

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11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation

Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapor may cause irritation to mucous membranes and respiratory tract, headache and nausea.

Skin contact

Contact with skin may result in irritation.

Ingestion

Swallowing can result in nausea, vomiting and abdominal pain.

Eye contact

May be an eye irritant.

Acute effects

Ingestion

Swallowing can result in nausea, vomiting and central nervous system depression. If the victim is uncoordinated there is greater likelihood of vomit entering the lung and causing subsequent complications.

Eye Contact

Irritating, causing redness and burning sensation.

Skin Contact

Irritating, causing redness and burning sensation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.

Inhalation

This material has been classified as non-hazardous.

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Acute toxicity

Inhalation

This material has been classified as non-hazardous.

Skin contact

This material has been classified as non-hazardous.

Ingestion

This material has been classified as non-hazardous.

Corrosion/irritancy

Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.

Sensitization

Inhalation: this material has been classified as not a respiratory sensitizer. Skin: this material has been classified as not a skin sensitizer.

Aspiration hazard

This material has been classified as non-hazardous.

Specific target organ toxicity (single exposure)

This material has been classified as non-hazardous.

Chronic toxicity

Mutagenicity

This material has been classified as non-hazardous.

Carcinogenicity

This material has been classified as non-hazardous.

Reproductive toxicity

This material has been classified as non-hazardous.

Specific target organ toxicity (repeated exposure)

This material has been classified as non-hazardous.

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12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

Acute aquatic hazard

No information is available to complete an assessment.

Long-term aquatic hazard

No information is available to complete an assessment.

Ecotoxicity

No information is available.

Persistence and degradability

No information is available.

Bioaccumulation potential

No information is available.

Mobility

No information is available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and container should be recycled. If material and container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

14. TRANSPORT INFORMATION

Road and Rail Transport

Not classified as Dangerous Goods by criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

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Marine Transport

Not classified as Dangerous Goods by the criteria of the international Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

This material is not subject to the following international agreements:

Montreal Protocol (Ozone depleting substances)
The Stockholm Convention (Persist Organic Pollutants)
The Rotterdam Convention (Prior Informed Consent)
Basel Convention (Hazardous waste)
International convention for the prevention of pollution from ships (MARPOL)

This material/constituent(s) is covered by the following requirements:

- All the constituents of this material are listed on the *Australian Inventory of Chemical Substances (AICS)*.

16. OTHER INFORMATION

Reason for Revision: Information updates of all sections to comply with *Code of Practice Safe Work Australia*.

Abbreviations:

ADG: Australian Code for the Transport of Dangerous Goods by Road and Rail
CAS Number: Chemical Abstracts Number
HMIS: Hazardous Materials Identification System

Disclaimer

Data provided is to best of APCO coatings knowledge and believe to be accurate and reliable as of the date of issued. However, no expressed or implied warranties are given. Omega Paint cannot anticipate or control the conditions under which this information may be used. Therefore, it is user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use. It is the responsibility of the user to ensure that the issue is current. This information given is a non-controlled document.