



Manufacturers of Industrial & Decorative Coatings

United Paints Limited
P.O. Box 21 064
29 Empire Road
Bridgend
Christchurch
Telephone : (03) 323 8743
Facsimile : (03) 323 7261

SAFETY DATA SHEET FASTCHEM

1.0 Chemical Product and Company Identification

Trade Name: TANKTEST GREY
Chemical Name: Fast Air Dry Tank Coating
Manufacturers Name: United Paints
Address: 29 Empire Rd, Belfast, Christchurch
Telephone: (03) 323 8743
Facsimile: (03) 323 7261
Date of Issue: 20 February 2013

Emergency Contact Numbers

National Poison & Hazardous Chemicals Information Centre 0800 POISON
United Paints Limited – Director (Mr M.Davies) (03) 359 3528 Home
021 617 979 Mobile

2.0 Hazards Identification

HSNO APPROVAL CODE : HSR002669

HSNO CLASSIFICATIONS : 3.1C , 6.1E , 6.3A , 6.4A , 6.5B , 6.7B , 6.8B ,
6.9B , 9.1B , 9.2A

Harmful
Flammable Liquid
Dangerous Goods

3.0 Composition / Information on Ingredients

| Ingredient | % By Weight | TLV (TWA) | |
|-------------------------|-------------|------------------------|--------|
| Xylene | 22.6% | 217 mg/m ³ | 50ppm |
| Toluene | 8.9% | 188 mg/m ³ | 50ppm |
| SBS Hydrocarbon | 16.5% | 1600 mg/m ³ | 400ppm |
| Styrenated Alkyd | 30-60% | | |
| Titanium Dioxide | 10-30% | 10 mg/m ³ | |
| Modified Zinc Phosphate | 10-30% | | |

4.0 First Aid Measures

Christchurch
(03) 323 8743

Auckland
(09) 265 0032

Palmerston North
021 682 151

| | |
|---------------------------------|--|
| 4.1 Inhalation | Bring patient to fresh open air. If breathing difficult give oxygen. |
| 4.2 Skin Contact | Wash with soap and water. Remove and launder contaminated clothing before reuse. |
| 4.3 Eye Contact | Flush with water lifting lids occasionally. Seek medical attention . |
| 4.4 Ingestion | Do not induce vomiting. Keep patient warm and quiet. Seek medical attention immediately . Rinse mouth with water . |
| 4.5 First Aid Facilities | Eyewash and normal washroom facilities and consumerables . |
| 4.6 Notes to Doctor | Treat symptomatically . Aspiration is the main danger . Enforce bed rest and observe carefully . Prophylactic antibiotics useful . Observe for chemical pneumonitis . Gasto-intestinal absorption is significant with hydrocarbon solvents .For large ingestions cuffed endotracheal tube is recommended . |

5.0 Fire Fighting Measures

| | |
|---|---|
| 5.1 Flashpoint | 25°C |
| 5.2 Flammability Limit | 1.0 (Lower) |
| 5.3 Extinguishing Media | Foam , carbon dioxide , dry chemical . |
| 5.4 Hazardous Composition Products | May form toxic materials such as Carbon Monoxide and Carbon Dioxide. |
| 5.5 Special Firefighting Procedures | Call Fire Service and tell them of location and nature of hazard . Water or Foam may cause frothing that can be violent, especially if sprayed into containers of hot burning liquid. Self contained breathing apparatus with full face piece should be used. Closed containers can be kept cool by water spray . Make sure of adequate supplies of extinguishing material available . |
| 5.6 Unusual fire and Explosion Hazards | Vapours are heavier than air and may travel along ground and move by ventilation and ignite at a point far from the source. Sumps and drains should be checked for signs of accumulation . |
| 5.7 Firefighting Personal Protective Equipment | Full protective clothing and self contained breathing apparatus . Water rinse shower available . |

6.0 Accidental Release Measures

- 6.1 Minor Spills** Eliminate all sources of Ignition. Stop leak at source. Dyke area of spillage. Absorb with sand or other absorbent inert material.
- 6.2 Major Spills** Clear are from all public and personnel .
Call fire service and advise on the nature of hazard .
Ensure spill is contained however if spill enters waterways directly or through drains advise local environment protection authority .
- 6.2 Disposal** Destroy by controlled incineration by approved waste disposal group or use an authorised disposal area.

7.0 Handling and Storage

- 7.1 Handling** Use in well ventilated area away from any source of ignition .
Wear safety glasses , nitrile gloves , overalls , and approved cartridge respirator when spraying .
- 7.2 Storage** Store in a cool , authorised room away from any source of accidental ignition , or any oxidising agents .

8.0 Exposure Controls / Personal Protection

8.1 Exposure Controls

Contains > 30 % Aromatic Hydrocarbon solvent . Make sure level maintained below TLV of 50 ppm or provide personal protective equipment to suit .

8.2 Personal Protective Equipment

- Vapour Respirator
- Splash Goggles
- Face Shield
- Gloves (Nitrile)
- Synthetic Apron
- Vapour Respirator
- Dust Respirator

9.0 Physical and Chemical Properties

- 9.1 Appearance** Liquid
- 9.2 Odour** Hydrocarbon
- 9.3 Boiling Point** 110°- 140°C
- 9.4 Flash Point** 25° C
- 9.5 Solubility in Water** None
- 9.6 Specific Gravity** 1.2
- 9.7 pH Value** Not applicable

| | |
|---------------------------------|---------------------|
| 9.8 Vapour Pressure | Not Available |
| 9.9 Vapour Density | 3.3 |
| 9.10 Evaporation Rate | 4 (BA=1) |
| 9.11 Volatile Component | 48 % |
| 9.12 Flammability | Flammable Liquid |
| 9.13 Autoignition Temp | Not Established |
| 9.14 Flammability Limits | Lower 1.1 Upper 7.1 |

Coloured flammable liquid with a mild solvent odour , which does not mix with water but will form a thin layer on water surface .

10.0 Stability and Reactivity

| | |
|---------------------------------------|--|
| 10.1 Chemical Stability | Stable under normal conditions |
| 10.2 Conditions to Avoid | Heat , Direct Sunlight , open flames or other ignition sources |
| 10.3 Materials to Avoid | Strong oxidising agents |
| 10.4 Hazardous Decomp Products | Carbon monoxide , Carbon dioxide , fumes |
| 10.5 Hazardous Reactions | May react with incompatible materials |
| 10.6 Hazardous Polymerization | Will not occur |

11.0 Toxicological Information

| | |
|--------------------------------------|---|
| 11.1 Acute Toxicity | No toxicology data available for this product |
| 11.2 Health Effects Swallowed | Harmful . Ingestion of this material may irritate the gastric tract and cause nausea and vomiting . |
| Eye Contact | May cause eye irritation, stinging, redness and blurred vision. |
| Skin Contact | May cause itching, redness and irritation |
| Chronic Effects | Prolonged contact with skin may cause dermatitis . |

12.0 Ecological Information

| | |
|---|---|
| 12.1 Ecotoxicity | No ecological data is available for this product . |
| 12.2 Persistence / Degradability | Not readily biodegradable . |
| 12.3 Mobility Air Water | Slow loss by evaporation Product spreads on surface of water . |
| 12.4 Enviro Protection | Avoid contaminating waterways , soil , drains and sewers . |

13.0 Disposal Considerations

| | |
|------------------------|--|
| 13.1 Liquid | Dispose of waste through an approved facility . |
| 13.2 Containers | Dispose of containers through metal recycler once empty containers have dried and hardened . |

14.0 Transport Regulations

Labelling Required FLAMMABLE LIQUID
Red Diamond 3

UNDG

U N Number 1263
Proper Shipping Name Paint
D G Class 3
Hazchem Code 3 Y
Packing Group III

IMDG (Maritime)

IMDG Class 3
UN Number 1263
EMS Number F-E , S-E
IMDG Subrisk None
Packing Group III
Special Provisions 163 223 944 955
Marine Pollutant Not Determined

This material is classified as a class 3 – Flammable Liquid according to NZS 5433 : 1999 Transport of Dangerous Goods on Land .

This material must not be loaded in the same freight container or the same vehicle with :

| | |
|-----------|--|
| Class 1 | Explosives |
| Class 2.1 | Flammable Gases |
| Class 2.3 | Toxic Gases |
| Class 4.2 | Spontaneously Combustible Substances |
| Class 5.1 | Oxidising substances |
| Class 5.2 | Organic Peroxides |
| Class 7 | Radioactive materials unless specifically exempted |

Must not be loaded in the same freight container , but can be in the same vehicle if separated horizontally by a distance of 3 metres :

Class 4.3 Dangerous when wet substances .

Goods of packing group II or III may be loaded in the freight container or the same vehicle if transported in segregation devices with :

| | |
|-----------|--------------------------------------|
| Class 4.2 | Spontaneously Combustible Substances |
| Class 4.3 | Dangerous when wet substances |
| Class 5.1 | Oxidising substances |
| Class 5.2 | Organic Peroxides |

15.0 Regulatory Information

Labelling Class 3 , Flammable Liquid

Poisons Schedule S 4

Hazard Category Harmful

16.0 Other Information

Revision Date 20 th February 2013

NZ Emergency Services Telephone 111

NZ Poison Information Telephone 0800 POISON (0800 764 766)

The above information concerns only the above mentioned product and is not valid with any other product(s). The information is provided to the best of our knowledge, correctly and completely, in good faith but without warranty. It remains the user's responsibility to ensure the information is appropriate for their application of the product.