



PRINT DATE: 10/01/07

Version 1.0
REVISION DATE: 8/01/07

MATERIAL SAFETY DATA SHEET

MSDS 601A

PAGE 1 OF 6

1. Product and Company Identification

- 1.1 PRODUCT NAME:** DYMIC BASE
- 1.2 USE OF PRODUCT** For the sealing of moving building joints between precast concrete panels, expansion and control joints and joints of plaza decks.
- 1.3 SUPPLIER:** Equus Industries Ltd
Sheffield Street
Riverlands Industrial Estate
Blenheim, Marlborough, New Zealand
Telephone: +64 3 578 0214
Fax: +64 3 578 0919
- 1.4 EMERGENCY CONTACT:** **National Poison Centre**
Telephone: 0800 764 766

Information about Safety Data Sheet: Telephone: +64 3 578 0214 8:00am – 6:00pm Mon - Fri

2. Hazards Identification

- 2.1 Classification:**
Dangerous Goods – classification according to New Zealand Dangerous Goods Code.
- 2.2 Risk & Safety Phrases:**
R10,36,37,38,
S2,36,37,39

The full text of each R & S phrases are listed in Section 16.

3. Composition/Information on Ingredients

- 3.1 Chemical Characterization (Preparation):**
This product is a preparation.
- 3.2 Hazardous Ingredients:**

CAS NO.	COMPONENT	CONCENTRATION %	CLASSIFICATION
8052-41-3	Stoddard solvent	1.0 – 5.0%	R10/36/37/38



- 3.3** Only ingredients, additives and impurities which are classified and contribute to the classification of the product are included in this section.

4. First Aid Measures

Get medical attention for any significant over exposure.

- 4.1 After Inhalation:**
Leave area to breathe fresh air. Avoid further over exposure. If symptoms persist, seek medical attention.
- 4.2 After Skin Contact:**
Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, seek medical attention immediately.
- 4.3 After Eye Contact:**
Flush with water for at least 15 minutes while holding eye lids apart. Get medical attention immediately.
- 4.4 After Ingestion:**
Call the nearest Poisons Centre or doctor immediately. Do not induce vomiting unless advised by a doctor.
- 4.5 Advice to Doctor:**
Treat symptomatically.

5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:**
If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- 5.2 Protective Equipment:**
Use accepted fire fighting techniques. Wear full fire fighting protective clothing, including self contained breathing apparatus (SCBA).
- 5.3 Specific Hazards:**
Product may ignite if heated in excess of its flash point. Closed container may burst when exposed to extreme heat. Empty containers may contain ignitable vapours. Vapours may travel to sources of ignition and flash back. Water may be used to cool containers to minimize pressure build-up.
- 5.4 Combustion Products:**
Carbon monoxide and carbon dioxide, fumes and smoke.

6. Accidental Release Measures

- 6.1 Preliminary Action and Precautions:**
- 6.1.1** Eliminate every possible source of ignition.
- 6.1.2** Evacuate all personnel immediately and ventilate area.



- 6.1.3 Avoid breathing vapour and contact with skin, eyes and clothing.
- 6.1.4 Wear recommended personal protective equipment.
- 6.1.5 Prevent entry of product into sewers, storm water drains and open bodies of water.
- 6.1.6 Scrape up the spillage into suitable containers for reuse disposal.
- 6.1.9 Clean up remaining spill as soon as possible, using an inert absorbent material and dispose of as hazardous waste.

7. Handling and Storage

7.1 Handling:

- 7.1.1 Prevent inhalation of vapour, ingestion and contact with skin, eyes and clothing.
- 7.1.2 Keep container closed when not in use. Precautions also apply to emptied containers.
- 7.1.3 Change soiled work clothes frequently.
- 7.1.4 Clean hands thoroughly after handling.
- 7.1.5 Do not smoke, weld, generate sparks, or use flame near container.

7.2 Storage:

- 7.2.1 Store under cool, dry, ventilated warehouse conditions.
- 7.2.2 Store away from sources of ignition, (i.e. sparks, open flames, heat etc.)
- 7.2.3 Store away from epoxy curing agents, amines and oxidizing agents.
- 7.2.4 Keep containers tightly closed at all times.

8. Exposure Controls and Personal Protection Equipment

8.1 Exposure Limits:

Stoddard solvent Cas – 8052-41-3 TLV/TWA (ACGIH): 100ppm (525mg/m³)

8.2 Exposure Controls:

8.2.1 Exposure Controls in the Work Place:

Use only in well ventilated areas. Provide maximum ventilation in enclosed areas. Use General ventilation and/or local exhaust to reduce the airborne contaminant concentration below the exposure limit listed in the MSDS.



8.2.2 Personal Protection Equipment

- Respiratory Protection – Wear appropriate, properly fitted NIOSH/MSHA, approved organic vapour or supplied air respirator when airborne contaminant level(s) are expected to exceed exposure limits indicated on the MSDS.
- Hand Protection – Use suitable impervious nitrile or neoprene gloves and protective apparel to reduce exposure.
- Eye Protection – Wear chemical splash goggles.
- Protective Measures - Use professional judgement in the selection, care and use. Inspect and replace equipment at regular intervals.

9. Physical and Chemical Properties

9.1 General Information:

Physical State/Form	Paste
Colour	Off white
Odour	Mild petroleum
pH	Not applicable
Vapour Pressure	Not available
Vapour Density	Heavier than air
Melting Point/Range	Not available
Flash Point	Not a
Explosion Limits	Not available
Autoignition Temperature	Not available
Freezing Point	Not available
Boiling Point/Range	Not available
Water Solubility/Miscibility	Negligible
Evaporation Rate	Not available
Specific Gravity	1.284
% Volatile Weight	2%
VOC	31 g/l

10. Stability and Reaction

10.1 General Information:

This material is stable when properly handled and stored. No hazardous reactions are known.

10.2 Conditions to Avoid:

Avoid welding arcs, flames or other high temperature sources.

10.3 Material to Avoid:

Epoxy curing agents, amines and oxidizing agents.

10.4 Hazardous Decomposition Products:

None expected when material properly handled and stored. Thermal decomposition see section 5.



11. Toxicological Information

11.1 Emergency Overview:

Vapour may irritate respiratory tract. May cause nausea, headaches and dizziness. Leave area to breathe fresh air. Avoid further over exposure. If symptoms persist, get medical attention

11.2 Skin Contact:

May cause sensitization resulting in irritation, itching and redness.

11.3 Eye Contact:

Direct contact may cause mild irritation. May cause temporary injury.

11.4 Ingestion:

May cause gastrointestinal irritation, nausea and vomiting.

11.5 Inhalation:

Vapour may irritate respiratory tract. May cause nausea, headaches and dizziness.

11.6 Chronic effects:

Chlorinated paraffin wax in product was reported by NTP to cause cancer in experimental animals when ingested. Fillers are encapsulated and not expected to be released from product under normal conditions of use. Prolonged or repeated exposure to mineral spirits (stoddard solvent) may cause defatting, drying and irritation of the skin, dermatitis, central nervous system (CNS) effects and adverse liver, kidney and lung effects.

11.7 Aggravated Medical Conditions:

Pre-existing eye, skin, liver, kidney and respiratory disorders may be aggravated by exposure.

12. Ecological Information

12.1 Environment Protection:

Prevent product from entering drains, sewers and waterways.

12.2 Ecotoxicity:

Data not available.

12.3 Persistence and degradability:

Data not available.

12.4 Bioaccumulative Potential:

Data not available.

13. Disposal Consideration

13.1 Material

Dispose of according to regulations by incineration in a special waste incinerator or landfill at a permitted facility in accordance with local/national regulations.



14. Transport Information

14.1 Land Transport:

Road: Not regulated (not dangerous for transport)

Rail: Not regulated (not dangerous for transport)

14.2 Sea Transport: (IMO/IMDG): Not regulated.

14.3 Air Transport: (IATA/ICAO): Not regulated.

14.4 Postal and Courier Service: Is Permitted.

15. Regulatory Information

This product is hazardous.

16. Other Information

16.1 Full Text of R-Phrases Contained in Section 2:

R10 Flammable

R36/37/38 Irritating to the eyes, respiratory system and skin

16.2 Full Text of S-Phrases Contained in Section 2:

S2 Keep out of the reach of children

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

16.3 The information contained in this Data Sheet relates only to the specific material identified. Equus Industries Ltd believes the information to be accurate and reliable as at the date of this Data Sheet. No Warranty, Guarantee or representation is expressed or implied by the Company as to the absolute correctness or completeness of any representation contained in this Data and assumes no legal responsibility in connection therewith. It can not be assumed that all acceptable safety measures are contained in this Data Sheet, or that additional measures may not be required under particular or exceptional circumstances or conditions.