

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

**Product name:** MitreMax Instant Adhesive - Activator  
**Product code:** 03034  
**Company name:** D.I.P.T Group Ltd  
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**2. HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture****Classification (EC 1272/2008)**

**Physical hazards:** - Aerosol 1 - H222, H229  
**Health hazards:** - Eye Irrit. 2 - H319 STOT SE 3 - H336  
**Environmental hazards:** - Not Classified

**2.2 Label Elements****Pictogram**

**Signal Word:** - Danger

**Hazard statements:** - H222 Extremely flammable aerosol.  
- H229 Pressurised container: may burst if heated.  
- H319 Causes serious eye irritation.  
- H336 May cause drowsiness or dizziness.

**Precautionary statements:** - P102 Keep out of reach of children.  
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
- P211 Do not spray on an open flame or other ignition source.  
- P251 Do not pierce or burn, even after use.  
- P261 Avoid breathing spray.  
- P264 Wash contaminated skin thoroughly after handling.  
- P271 Use only outdoors or in a well-ventilated area.  
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

## 2. HAZARDS IDENTIFICATION *Cont'd*

**Precautionary statements:**

- P312 Call a POISON CENTRE/doctor if you feel unwell.
- P337+P313 If eye irritation persists: Get medical advice/ attention.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
- P501 Dispose of contents/ container in accordance with national regulations.

**Contains:** - propan-2-ol

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.2 Mixtures:

**propan-2-ol :** EC number: 200-661-7 CAS number: 67-63-0 **60-100%**

**Classification:**

- Flam. Liq. 2 - H225
- Eye Irrit. 2 - H319
- STOT SE 3 - H336

**N,N-dimethyl-p-toluidine:** EC number: 202-805-4 CAS number: 99-97-8 **<1%**

**Classification:**

- Acute Tox. 3 - H301
- Acute Tox. 3 - H311
- Acute Tox. 3 - H331
- STOT RE 2 - H373
- Aquatic Chronic 3 - H412

The full text for all hazard statements is displayed in Section 16

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:** - Move affected person to fresh air at once.

**Inhalation:** - Move affected person to fresh air at once. If breathing stops, provide artificial respiration. Keep affected person warm and at rest. Get medical attention immediately.

**Ingestion:** - Rinse mouth thoroughly with water. Move affected person to fresh air at once. Do not induce vomiting. Get medical attention if any discomfort continues.

**Skin contact:** - Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

**Eye contact:** - Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention promptly if symptoms occur after washing.

### 4.2. Most important symptoms and effects, both acute and delayed

**General information:** - The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation:** - Vapours may cause headache, fatigue, dizziness and nausea.

## 4. FIRST AID MEASURES *Cont'd*

### 4.2. Most important symptoms and effects, both acute and delayed *Cont'd*

- Ingestion:** - May cause nausea, headache, dizziness and intoxication. Central nervous system depression.
- Skin contact:** - Prolonged skin contact may cause redness and irritation.
- Eye contact:** - Irritation of eyes and mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

- Notes for the doctor:** - Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

- Suitable extinguishing media:** - Water spray, foam, dry powder or carbon dioxide

### 5.2. Special hazards arising from the substance or mixture

- Specific hazards:** - Extremely flammable. Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Pressurised container: may burst if heated.
- Hazardous combustion products:** - Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.

### 5.3. Advice for firefighters

- Protective actions during firefighting:** - Use water spray to reduce vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk.
- Special protective equipment for firefighters:** - Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions:** - Ensure suitable respiratory protection is worn during removal of spillages in confined areas. For personal protection, see Section 8.

### 6.2. Environmental precautions

- Environmental precautions:** - To prevent release, place container with damaged side up. Avoid discharge into drains.

### 6.3. Methods and material for containment and cleaning up

- Methods for cleaning up:** - Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb in vermiculite, dry sand or earth and place into containers. For waste disposal, see Section 13.

### 6.4. Reference to other sections

- Reference to other sections:** - For waste disposal, see Section 13.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Usage precautions:** - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited. Avoid inhalation of vapours and spray/mists.

**Advice on general occupational hygiene:** - Do not eat, drink or smoke when using this product.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions:** - Store in tightly-closed, original container in a dry, cool and well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

**Storage Class:** - Extremely flammable aerosol.

### 7.3. Specific end use(s)

**Specific end use(s):** - Activator.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

### 8.2. Exposure controls

#### Protective Equipment



**Appropriate engineering controls:** - Provide adequate ventilation.

**Personal protection:** - Wear protective clothing.

**Eye/face protection:** - Wear chemical splash goggles.

**Hand protection:** - The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Other skin and body protection:** - Wear suitable protective clothing as protection against splashing or contamination.

**Hygiene measures:** - When using do not eat, drink or smoke. Wash at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection:** - No specific recommendations. If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible.

**Environmental exposure controls:** - Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

- Appearance:** - Aerosol.
- Colour:** - Various Colours.
- Odour:** - Characteristic.
- Odour threshold:** - Not available.
- pH:** - Not available.
- Melting point:** - Not available.
- Initial boiling point and range:** - Not available.
- Flash point:** - < -40°C
- Flammability (solid, gas):** - Not available.
- Upper/lower flammability or explosive limits:** - Lower flammable/explosive limit: 1.8% Upper flammable/explosive limit: 9.5%
- Vapour pressure:** - Not available.
- Relative density:** - ≤ 0.785 @ 25°C
- Solubility(ies):** - Soluble in water.
- Partition coefficient:** - Not available.
- Auto-ignition temperature:** - 410 - 580°C
- Viscosity:** - Not Available.
- Comments:** - Information given is applicable to the major ingredient.

### 9.2. Other information

- Other information:** - None.

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

- Reactivity:** - Exothermic reaction with: cyanoacrylates

### 10.2. Chemical stability

- Stability:** - Highly volatile

### 10.3. Possibility of hazardous reactions

- Possibility of hazardous reactions:** - Under normal conditions of storage and use, no hazardous reactions will occur.

### 10.4. Conditions to avoid

- Conditions to avoid:** - Avoid exposing aerosol containers to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

**10. STABILITY AND REACTIVITY** *Cont'd***10.5. Incompatible materials**

**Materials to avoid:** - Strong oxidising agents. Acid anhydrides. Aluminium

**10.6. Hazardous decomposition products**

**Hazardous decomposition products:** - Decomposition at ambient temperatures may generate the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Other toxic gases and vapours

**11. TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

**Acute toxicity - oral:** - ATE oral (mg/kg) 20,000.0

**Acute toxicity - dermal:** - ATE dermal (mg/kg) 60,000.0

**Acute toxicity - inhalation:** - ATE inhalation (vapours mg/l) 600.0

**General information:** - Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**Inhalation:** - Vapours may cause drowsiness and dizziness. Vapours/aerosol spray may irritate the respiratory system. Harmful by inhalation.

**Ingestion:** - Harmful if swallowed. May cause liver and/or renal damage.

**Skin contact:** - Irritating to skin. Prolonged and frequent contact may cause redness and irritation. Harmful in contact with skin.

**Eye contact:** - Irritating to eyes. Vapour or spray in the eyes may cause irritation and smarting.

**Acute and chronic health hazards:** - Overexposure to organic solvents may depress the central nervous system, causing dizziness and intoxication and, at very high concentrations, unconsciousness and death. May cause liver and/or renal damage.

**Route of exposure:** - Inhalation Skin absorption

**Target organs:** - Central nervous system Respiratory system, lungs Liver.

**Medical symptoms:** - Narcotic effect. Vapours may cause drowsiness and dizziness.

**Medical considerations:** - Liver and/or kidney damage.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** - The product is not expected to be toxic to aquatic organisms. Avoid discharge into drains or watercourses or onto the ground.

**12.1. Toxicity**

**Ecotoxicity:**

**Toxicity:** - Not regarded as dangerous for the environment.

### 12.2. Persistence and degradability

**Persistence and degradability :** - No data available.

### 12.3. Bioaccumulative potentia

**Partition coefficient:** - Not available.

### 12.4. Mobility in soil

**Mobility :** - The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment :** - Not determined.

### 12.6. Other adverse effects

**Other adverse effects :** - Not determined.

## **13. DISPOSAL CONSIDERATIONS**

### 13.1. Waste treatment methods

**General information:** - Dispose of waste product or used containers in accordance with local regulations. This material and its container must be disposed of in a safe way. Do not puncture or incinerate, even when empty.

**Disposal methods:** - Dispose of waste product or used containers in accordance with local regulations. This material and its container must be disposed of in a safe way. Do not puncture or incinerate,even when empty.

## **14. TRANSPORT INFORMATION**

### 14.1. UN number

**UN No. (ADR/RID) :** - 1950

**UN No. (IMDG) :** - 1950

**UN No. (ICAO):** - 1950

**UN No. (ADN) :** - 1950

### 14.2. UN proper shipping name

**(ADR/RID) :** - AEROSOLS

**(IMDG) :** - AEROSOLS

**(ICAO):** - AEROSOLS

**(ADN) :** - AEROSOLS

## 14. TRANSPORT INFORMATION *Cont'd*

### 14.3. Transport hazard class(es)

ADR/RID class: - 2, 5F

ADR/RID classification code: - Class 2: Gases

ADR/RID label: - 2.1

IMDG class: - 2

ICAO class/division: - 2

ICAO subsidiary risk: - 2.1

ADN class: - 2, 5 F

Transport labels



### 14.4. Packing group

ADR/RID packing group: - #

IMDG packing group: - #

ADN packing group: - #

ICAO packing group: - #

### 14.5. Environmental hazards

Environmentally hazardous  
substance/marine pollutant: - No.

### 14.6. Special precautions for user

EmS: - F-D, S-U

Tunnel Restriction Code : - (D)

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to  
Annex II of MARPOL 73/78  
and the IBC Code: - Not applicable.



## 15. REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

- National regulations:**
- Health and Safety at Work etc. Act 1974 (as amended).
  - The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
  - Control of Substances Hazardous to Health Regulations 2002 (as amended).
- EU legislation :**
- Dangerous Preparations Directive 1999/45/EC.
  - Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
  - Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

#### Inventories

- EU - EINECS/ELINCS:** - None of the ingredients are listed or exempt.

## 16. OTHER INFORMATION

**Revision date:** - 11/06/2015

**Revision:** - 3

**Supersedes date:** - 23/02/2015

**SDS Number:** - 5019

- Hazard statements in full :**
- H222 Extremely flammable aerosol.
  - H225 Highly flammable liquid and vapour.
  - H229 Pressurised container: may burst if heated.
  - H301 Toxic if swallowed.
  - H311 Toxic in contact with skin.
  - H319 Causes serious eye irritation.
  - H331 Toxic if inhaled.
  - H336 May cause drowsiness or dizziness.
  - H373 May cause damage to organs through prolonged or repeated exposure.
  - H412 Harmful to aquatic life with long lasting effects.

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