



# Mitre Kit - Activator

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Product Identification

<b>Trade Name:</b>	MITRE KIT - ACTIVATOR
<b>Description:</b>	Aerosol

### Hazardous Ingredients

Component	Index No.	EC No.	CAS No.	Classification	Conc.
Butane	601-004-00-0	203-448-7	106-97-8	F+; R12	50-60%
Low boiling point hydrogen			64742-49-0	F;R11 Xn; R65 Xi; R38	10-20%
Treated naphtha (petroleum), Hydrotreated light.				N; R51/53 R67	
N,N-Dimethyl-p-toluidine	612-056-00-9	202-805-4	99-97-8	T;R23/24/25 R33 R52/53	0.5-1%

### Hazard Identification

Extremely flammable. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

### Emergency and First Aid

<b>After Eye Contact:</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelid open.
<b>After Skin Contact:</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
<b>After Inhalation:</b>	Move the exposed person to fresh air.
<b>General Information:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

### Important Symptoms and Effects

<b>Eye Contact:</b>	May cause irritation to eyes.
<b>Skin Contact:</b>	May cause irritation to skin.
<b>Inhalation:</b>	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.
<b>Ingestion:</b>	Ingestion may cause nausea and vomiting.

### Indication of Any Immediate Medical Attention Needed

<b>Eye Contact:</b>	Seek medical attention if irritation or symptoms persist.
<b>Skin Contact:</b>	Seek medical attention if irritation or symptoms persist.
<b>Inhalation:</b>	Seek medical attention.
<b>Ingestion:</b>	Seek medical attention if irritation or symptoms persist.

### Toxicological Information

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Ecological Information

### Exposure Control/Personal Protection

<b>Exposure Limit Values for Butane:</b>	WEL 8-hr limit ppm: 600	WEL 8-hr limit mg/m <sup>3</sup> : 1450
	WEL 15 min limit ppm: 750	WEL 15 min limit mg/m <sup>3</sup> : 1810
<b>Engineering Controls:</b>	Ensure adequate ventilation of the working area.	
<b>Individual Protection Measures:</b>	Wear chemical protective clothing.	
<b>Hand/Skin Protection:</b>	Chemical resistant gloves (PVC).	
<b>Eye/ Face Protection:</b>	Approved safety goggles.	
<b>Respiratory Protection:</b>	Wear suitable respiratory equipment when necessary.	

### Stability and Reactivity

<b>Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Oxidising agents.
<b>Conditions to Avoid:</b>	Heat, sparks and open flames.

### Accidental Release Measures

<b>Personal Protection:</b>	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Eliminate all sources of ignition. Wear suitable protective equipment.
<b>Environmental Precautions:</b>	Do not allow product to enter drains. Prevent further spillage if safe.
<b>Containment &amp; Cleanup methods:</b>	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### Handling and Storage

<b>Precautions for Safe Handling:</b>	Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Use explosion proof equipment. Keep away from sources of ignition – No smoking.
<b>Conditions for Safe Storage:</b>	Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### Physical and Chemical Properties:

<b>State:</b>	Aerosol.
<b>Colour:</b>	Clear.
<b>Odour:</b>	Characteristic.
<b>Flash Point:</b>	-5 °C.

### Waste Disposal

Dispose of in compliance with all local and national regulations. Do NOT reuse empty containers.

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Fire Fighting Measures

<b>Extinguishing Media:</b>	Alcohol resistant foam. Use extinguishing media appropriate to the surrounding fire conditions.
<b>Special Hazards:</b>	Vapour may travel considerable distance to source of ignition and flash back.
<b>Advice for Firefighters:</b>	Wear suitable respiratory equipment when necessary.

### Transport Information

**Hazard Pictogram:**

<b>UN Number:</b>	UN1950
<b>UN Proper Shipping Name:</b>	AEROSOLS
<b>ADR/RID:</b>	2
<b>IMDG:</b>	2
<b>IATA:</b>	2
<b>Environmental Hazards:</b>	No
<b>Marine Pollutant:</b>	No
<b>Tunnel Category:</b>	(D)
<b>EmS Code:</b>	F-D S-U
<b>Packing Instruction (Cargo):</b>	203
<b>Maximum Quantity:</b>	150kg
<b>Packing Instruction (Passenger):</b>	203
<b>Maximum Quantity:</b>	75kg

### Other Information

<b>Text of risk phrases mentioned:</b>	R11 – Highly flammable. R12 – Extremely flammable. R23/24/25 – Toxic by inhalation, in contact with skin and if swallowed. R33 – Danger of cumulative effects. R38 – Irritating to skin. R51/53 – Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 – Harmful: may cause lung damage if swallowed. R67 – Vapours may cause drowsiness and dizziness.
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## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Regulatory Information

**Classification – 1999/45/EC:**

F+; R12 R52/53-67

Symbols: F+: Extremely flammable.

**Symbols:**

The product is classified in accordance with 67/548/EEC.

F+: Extremely flammable.

**Risk Phrases:**

R12 – Extremely flammable.

R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 – Harmful: May cause lung damage if swallowed.

R67 – Vapours may cause drowsiness and dizziness.

**Safety Phrases:**

S1/2 – Keep locked up and out of the reach of children.

S13 – Keep away from food, drink and animal feedingstuffs

S46 – If swallowed, seek medical advice immediately and show this container or label.

S62 – If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Regulations:**

REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

### Disclaimer

The information in this document is offered for general health and safety guidance only and is not intended to be a definitive source of advice, nor does it constitute a risk assessment, for which the user is responsible. All information provided in this document is believed to be accurate to the best of our knowledge. Users of the products referred to should observe the recommendations, conditions and instructions relating to any relevant product label, usage information, consent or approval in force at the time. Further and more specific information may be obtained from the supplier on request (small fee may be required for this service). This company shall not be held liable for any damage resulting from handling or from contact with the above product

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Product Identification

**Trade Name:** MITRE KIT – Adhesive.  
**Description:** Adhesive.

### Hazardous Ingredients

Component	Index No.	EC No.	CAS No.	Classification	Conc.
Ethyl-2-cyanoacrylate (Ethyl Cyanoacrylate)	607-236-00-9	230-391-5	7085-85-0	Xi; R36/37/38	80-90%
1,4-Dihydroxybenzene (Hydroquinone)	604-005-00-4	204-617-8	123-31-9	Carc. Cat. 3; R40 Muta. Cat. 3; R68 Xn; R22 Xi; R41 R43 N; R50.	0-0.5%

### Hazard Identification

Irritating to eyes, respiratory system and skin.

### Emergency and First Aid

**After Eye Contact:** Rinse immediately with plenty of water for 15 minutes holding the eyelid open.  
**After Skin Contact:** Wash off immediately with plenty of soap and water. Remove contaminated clothing.  
**After Inhalation:** Move the exposed person to fresh air.  
**After Ingestion:** DO NOT INDUCE VOMITING.

### Important Symptoms and Effects

**Eye Contact:** Irritating to eyes.  
**Skin Contact:** Irritating to skin.  
**Inhalation:** Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.  
**Ingestion:** Ingestion may cause nausea and vomiting.

### Indication of Any Immediate Medical Attention Needed

**Eye Contact:** Seek medical attention if irritation or symptoms persist.  
**Skin Contact:** Seek medical attention if irritation or symptoms persist.  
**Inhalation:** Seek medical attention.  
**Ingestion:** Seek medical attention if irritation or symptoms persist.

### Toxicological Information

Irritating to skin.

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Ecological Information

### Exposure Control/Personal Protection

#### Exposure Limit Values

1,4-Dihydroxybenzene (Hydroquinone):	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : 0.5
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : -
Ethyl-2-cyanoacrylate (Ethyl cyanoacrylate):	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m <sup>3</sup> : -
	WEL 15 min limit ppm: 0.3	WEL 15 min limit mg/m <sup>3</sup> : 1.5

**Engineering Controls:** Ensure adequate ventilation of the working area.

**Individual Protection Measures:** Wear chemical protective clothing.

**Hand/Skin Protection:** Chemical resistant gloves (PVC).

**Eye/ Face Protection:** Approved safety goggles.

**Respiratory Protection:** Wear suitable respiratory equipment.

### Stability and Reactivity

**Stability:** Stable under normal conditions.

### Accidental Release Measures

**Personal Protection:** Ensure adequate ventilation of the working area. Wear suitable protective equipment.

**Environmental Precautions:** Do not allow product to enter drains. Prevent further spillage if safe.

**Containment & Cleanup methods:** Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

### Handling and Storage

**Precautions for Safe Handling:** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

**Conditions for Safe Storage:** Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

### Physical and Chemical Properties:

<b>State:</b>	Liquid.
<b>Colour:</b>	Clear.
<b>Odour:</b>	Characteristic.
<b>Flash Point:</b>	85 °C
<b>Boiling Point:</b>	150 °C

### Waste Disposal

Dispose of in compliance with all local and national regulations. Do NOT reuse empty containers.

## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Fire Fighting Measures

<b>Extinguishing Media:</b>	Use extinguishing media appropriate to the surrounding fire conditions.
<b>Special Hazards:</b>	Burning produces irritating, toxic and obnoxious fumes.
<b>Advice for Firefighters:</b>	Wear suitable respiratory equipment when necessary.

### Transport Information

<b>UN Number:</b>	UN3334
<b>UN Proper Shipping Name:</b>	AVIATION REGULATED LIQUID, N.O.S.
<b>ADR/RID:</b>	9
<b>IMDG:</b>	9
<b>IATA:</b>	9
<b>Environmental Hazards:</b>	No
<b>Marine Pollutant:</b>	No
<b>Packing Instruction (Cargo):</b>	964
<b>Maximum Quantity:</b>	220l
<b>Packing Instruction (Passenger):</b>	964
<b>Maximum Quantity:</b>	100l
<b>Further Information:</b>	The product is not classified as dangerous for carriage.

### Other Information

<b>Text of risk phrases mentioned:</b>	R22 – Harmful if swallowed. R36/37/38 – Irritating to eyes, respiratory system and skin. R40 – Limited evidence of a carcinogenic effect. R41 – Risk of serious damage to eyes. R43 – May cause sensitisation by skin contact. R50 – Very toxic to aquatic organisms. R68 – Possible risk of irreversible effects.
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## Safety Data Sheet

(17<sup>th</sup> April 2012)

(version 1)

### Regulatory Information

**Classification – 1999/45/EC:**

Xi; R36/37/38. Symbols: Xi; Irritant.

**Symbols:**

The product is classified in accordance with 67/548/EEC.

Xi: Irritant.

**Risk Phrases:**

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

**Safety Phrases:**

S1/2 – Keep locked up and out of the reach of children.

S13 – Keep away from food, drink and animal feedingstuffs.

S46 – If swallowed, seek medical advice immediately and show this container or label.

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