



# SAFETY DATA SHEET

DATE PREPARED/REVISED. 24.03.11

Supersedes SDS dated 29<sup>th</sup> July 2003

Issue Date. 24/03/2011

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

**PRODUCT NAME:** MITREBOND ACTIVATOR  
**SUPPLIER:** UNIKA COLOR PRODUCTS LTD.  
NEW YORK INDUSTRIAL PARK,  
NEWCASTLE UPON TYNE, NE27 0QF

**TELEPHONE:** +44 (0) 191 259 0033

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CAS No EINECS No	CONTENTS in %	HEALTH	RISK
PROPANE	74-98-6 200-827-9	10-35%	F+	R12
BUTANE/ISOBUTANE	106-97-8 203-448-7	20-40%	F+	R12
HEPTANE	142-82-5 205-563-8	30~60%	F Xn	R11-38-50/53-65-67
N,N-DIMETHYL-P-TOLUIDINE	99-97-8 202-805-4	<0.5%		

## 3. HAZARDS IDENTIFICATION:

- Pressurized Container
- Highly Flammable
- Harmful by inhalation
- Irritating to the skin
- May cause lung damage if swallowed
- Solvent abuse can kill instantly

## 4. FIRST AID MEASURES:

**GENERAL:** Move the exposed person to fresh air at once

**EYES:** Promptly wash eyes with lots of water while lifting the eyelids. Continue to rinse for at least 15 minutes and get medical attention.

**SKIN:** Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above

**INHALATION:** Move the exposed person to fresh air at once: Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention

**INGESTION:** Rinse mouth thoroughly. Do not induce vomiting. Get medical attention immediately.

## 5. FIRE FIGHTING MEASURES:

<b>EXTINGUISHING MEDIA</b>	Fine water spray, carbon dioxide (CO <sub>2</sub> ), foam
<b>SPECIAL FIRE FIGHTING PROCEDURES</b>	Water may be ineffective but use to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Water spray may be used to flush spills away and dilute spills to non-flammable mixtures. Use water spray to reduce vapors. Warn fire fighters that aerosols are involved.
<b>UNUSUAL HAZARDS</b>	Makes explosive mixtures with air. Extremely flammable May explode in a fire. May travel considerable distance to source of ignition and flash back.

## 6. ACCIDENTAL RELEASE MEASURES:

<b>PERSONAL PROTECTION</b>	Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.
<b>ENVIRONMENTAL PRECAUTIONS</b>	Ventilate.
<b>SPILL CLEANUP METHODS</b>	Absorb in vermiculite, dry sand or earth and place into containers. Collect and reclaim or dispose in sealed containers in licensed waste. Provide ventilation and confine spill.

## 7. HANDLING AND STORAGE:

<b>HANDLING</b>	Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Do not spray near a naked flame or any incandescent material.
<b>STORAGE</b>	Flammable/combustible Store at moderate temperatures in a dry well ventilated area. Keep away from heat, sparks and flame Protect from sunlight. Do not expose to temperatures exceeding 50°C

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT	CAS No.	STEL	LTEL (8hrs)
PROPANE	74-98-1	Asphyxiant	Asphyxiant
BUTANE/ISOBUTANE	106-97-8	600 ppm	750 ppm
,N-DIMETHYL-P-TOLUIDINE	99-97-8	Non-assigned	Non assigned
HEPTANE	142-82-5	400 ppm	500 ppm

<b>VENTILATION</b>	No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. If, following workplace assessment, OEL is likely to be exceeded due to use where natural ventilation is insufficient suitable respirator with organic vapor cartridge must be worn.
<b>PERSONAL PROTECTION</b>	Wear splash-proof eye goggles to prevent any possibility of eye contact. Do not smoke when using this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>Appearance</b>	Aerosol container containing a mixture of active ingredients, solvents and propellants
<b>Odour</b>	Solvent

## 10. STABILITY AND REACTIVITY:

<b>CONDITIONS TO AVOID</b>	Heat flames and other sources of ignition
<b>MATERIALS TO AVOID</b>	
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	

## 11. TOXICOLOGICAL INFORMATION:

<b>HEALTH WARNINGS</b>	Narcotic effect. Drowsiness. Concentrating and inhaling the gas can lead to abnormal heart rhythms and possibly death.
<b>ROUTE OF ENTRY</b>	Inhalation
<b>TARGET ORGANS</b>	Central nervous system, respiratory system, lungs
<b>MEDICAL SYMPTOMS</b>	Narcotic effect
<b>ACUTE AND CHRONIC HEALTH HAZARDS</b>	Repeated exposure may cause upper respiratory irritation, defatting, drying and cracking of the skin.

## 12. ECOLOGICAL INFORMATION:

<b>ECOTOXICITY</b>	Heptane is very toxic to aquatic organisms.
<b>MOBILITY</b>	Very mobile
<b>PERSISTANCE</b>	Heptane may cause long term damage to the environment
<b>BIOACCUMULATIVE POTENTIAL</b>	Low risk due to the small quantity and volatility of the components.
<b>OTHER ADVERSE EFFECT</b>	

## 13. DISPOSAL CONSIDERATIONS:

Hazardous waste; Ensure that the container is empty and dispose of in accordance with local authority regulations; Do not discharge into surface water.

## 14. TRANSPORT INFORMATION:

### 1. Classification in compliance with UN recommendations

UN Number	1950
CLASS	2
PROPER SHIPPING NAME	Aerosols

### 2. ADR (Transport by Road)

CLASS	2
PACKING GROUP	II
DANGER LABEL PACKAGES	Flammable gas 2

### 3. IMDG (Maritime Transport)

CLASS	2
PACKING GROUP	II
MFAG	620
EMS	F-D, S-U

### 4. ICAO (Air Transport)

CLASS	2.1
PACKING INST.	203

### LIMITED QUANTITIES

When substances and their packaging meet the conditions established by ADR/RID/ANDR in Chapter 3.4, ONLY the following prescriptions shall be complied with:

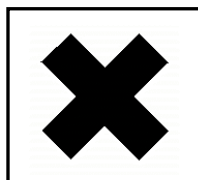
Each package shall display a diamond-shaped figure with the following inscription "UN 1133"

Or in the case of different goods with different identification numbers within a single package the letters "LQ"

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY

According to EC-Directives 67/548/EEC on 1999/45/EC



**Extremely  
Flammable**

**Harmful**

### RISK PHRASES

R10 Flammable  
R20 Harmful by inhalation  
R36/37/38 Irritating to the eyes, respiratory system and skin.  
R42/43 May cause sensitization by inhalation and skin contact.

### SAFETY PHRASES

S (02) Keep out of reach of children  
S23 Do not breath vapour  
S36/37 Wear suitable protective clothing and gloves  
S45 In case of accident or if you feel unwell seek medical advice.  
S63 In case of accident by inhalation remove casualty to fresh air and keep at rest.  
Show label where possible

## 16. OTHER INFORMATION:

*The information contained in this Data Sheet is provided in accordance with the **Chemicals (Hazard Information and Packaging for Supply) Regulations 2002** for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.*

**Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.**