



# SAFETY DATA SHEET

DATE PREPARED: 11/06/2009

Supersedes SDS dated

Issue Date. 08/10/2013

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

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

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CAS No EINECS No	CONTENTS in %	HEALTH	RISK
Acetone	67-64-1 200-662-2	>98%	Xi	R11,36, 66, 67

## 3. HAZARDS IDENTIFICATION:

- Highly flammable
- Irritating to the eyes,
- Repeated exposure may cause skin dryness or cracking. Vapour narcotic

## 4. FIRST AID MEASURES:

**EYES:** Flush thoroughly with water for 15 minutes. If irritation persists seek medical advice.

**SKIN:** Wash thoroughly with soap and water.

**INHALATION:** Remove to fresh air. If breathing is difficult have qualified person assist the affected person by administering oxygen. Seek prompt medical advice.

**INGESTION:** Swallowing of small quantities is unlikely to cause any reaction. Rinse out the mouth with water.

## 5. FIRE FIGHTING MEASURES:

**EXTINGUISHING MEDIA**Water fog, dry powder or CO<sub>2</sub>. DO NOT USE WATER JET.**SPECIAL FIRE FIGHTING PROCEDURES**

Keep containers cool with water spray. Wear self-contained positive pressure respiratory equipment.

**UNUSUAL HAZARDS**

SEVERE EXPLOSION HAZARD IN AN ENCLOSED SPACE.

**6. ACCIDENTAL RELEASE MEASURES:****PERSONAL PROTECTION**

Wear approved safety glasses

**ENVIRONMENTAL PRECAUTIONS**

Prevent ingress to drains and sewers. If material has entered drains inform fire brigade.

**SPILL CLEANUP METHODS**

Clean up immediately, under maximum ventilation with dry sand, earth or other absorbents for transfer to containers for disposal.

**7. HANDLING AND STORAGE:****HANDLING**

Avoid sparks heat and open flame. Volatile, avoid handling or use in enclosed situations.

**STORAGE**

Keep containers closed when not in use.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:****INGREDIENT**

Acetone

**CAS No.**

67-64-1

**STEL**

3560 ppm

**LTEL (8hrs)**

1780 ppm

**VENTILATION**

Use in a well ventilated area

**PERSONAL PROTECTION**

Wear approved safety glasses where eye exposure is reasonably probable.

**9. PHYSICAL AND CHEMICAL PROPERTIES:****Appearance**

Colourless liquid

**Odour**

Characteristic mint-like odour

**Specific Gravity**

0.79 @ 20°C

<b>Melting Point °C</b>	-95°C
<b>Boiling Point °C</b>	56°C
<b>Solubility in water</b>	Fully miscible
<b>Vapour pressure</b>	400 mm Hg @ 20°C
<b>Flash point</b>	-18°C
<b>Flammability limits: lower</b>	3% vol.
<b>Flammability limits: upper</b>	13% vol
<b>Auto-ignition temperature:</b>	465°C

## 10. STABILITY AND REACTIVITY:

### CONDITIONS TO AVOID

### MATERIALS TO AVOID

Strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

## 11. TOXICOLOGICAL INFORMATION:

### HEALTH WARNINGS

Acute Toxicity

LD50 oral rat 1700-10700 mg/kg

LD50 inhalation rat 6700 mg/l /4 hrs.

### ROUTE OF ENTRY

Inhalation

### TARGET ORGANS

### MEDICAL SYMPTOMS

### ACUTE AND CHRONIC

### HEALTH HAZARDS

## 12. ECOLOGICAL INFORMATION:

### ECOTOXICITY

Readily biodegradable in the environment

### MOBILITY

### PERSISTANCE

**BIOACCUMULATIVE POTENTIAL** Low

**OTHER ADVERSE EFFECT** Fish Toxicity

LC50 (L. macrochirus) 8300 mg/l/96h

### 13. DISPOSAL CONSIDERATIONS:

**Disposal Methods** - Dispose of waste and residues in accordance with local authority requirements

### 14. TRANSPORT INFORMATION:

1. Classification in compliance with UN recommendations

UN Number	1090
CLASS	3
PACKING	II
PROPER SHIPPING NAME	Acetone

2. ADR (Transport by Road)

CLASS	3
PACKING GROUP	II
DANGER LABEL PACKAGES	3 liquid
TUMMEL RESTRICTION CODE:	(D/E)

3. RID (Transport by Rail)

CLASS	3
PACKING GROUP	II
DANGER LABEL PACKAGES	3 liquid

4. ADNR (Transport by Inland Waterways)

CLASS	3
PACKING GROUP	II
DANGER LABEL PACKAGES	3 liquid

5. IMDG (Maritime Transport)

CLASS	3
PACKING GROUP	II
EMS	F-E, D-E
MARINE POLLUTANT	NO
FLASH POINT	-18°C

## 6. ICAO (Air Transport) **AIR**

PROPER SHIPPING NAME	ACETONE
UN NUMBER	1090
CLASS	3
PACKING	II
LABEL FOR CONVEYANCE	3 Flammable Liquid

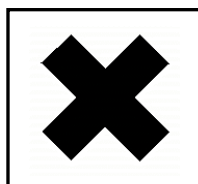
### LIMITED QUANTITIES

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



**Highly Flammable**

**Irritant**

### **RISK PHRASES**

- R11 Highly Flammable
- R36 Irritating to the eyes,
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

### SAFETY PHRASES

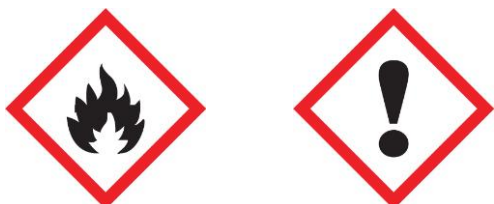
S (02) Keep out of reach of children

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

**In accordance with CLP:**



**DANGER**

**Acetone**

Causes serious eye irritation

Highly flammable liquid and vapour

Keep away from heat/sparks/open flames/hot surfaces – No smoking.

Wash ...thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin (or hair): Remove/take off immediately all contaminated clothing.

Rinse skin with water/shower.

Store in a well-ventilated place. Keep cool.

Keep out of reach of children.

**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.**

**N.A.** = NOT APPLICABLE

**N.D.** = NOT DETERMINED

\* = INTERNAL CLASSIFICATION

**Exposure limits:**

**TLV:** Threshold Limit Value - ACGIH US 2000

**OES:** Occupational Exposure Standards - United Kingdom 1999

**MEL:** Maximum Exposure Limits - United Kingdom 1999

**MAK:** Maximale Arbeitsplatzkonzentrationen - Germany 2001

**TRK:** Technische Richtkonzentrationen - Germany 2001

**MAC:** Maximale aanvaarde concentratie - the Netherlands 2002

**VME:** Valeurs limites de Moyenne d'Exposition - France 1999

**VLE:** Valeurs limites d'Exposition à court terme - France 1999

**GWBB:** Grenswaarde beroepsmatige blootstelling - Belgium 1998

**GWK:** Grenswaarde kortstondige blootstelling - Belgium 1998

**EC:** Indicative occupational exposure limit values - directive 2000/39/EC

**Full text of any R-phrases referred to under heading 2:**

R21: Harmful in contact with skin

R36/38: Irritating to eyes and skin

R38: Irritant to the skin

R40: Limited evidence of a carcinogenic effect

R41: Risk of serious damage to eyes

R43: May cause sensitization by skin contact

R48/22: Harmful: danger of serious damage to health by prolonged exposure if swallowed

R53: May cause long-term adverse effects in the aquatic environment

R65: Harmful: may cause lung damage if swallowed

R68: Possible risk of irreversible effects