



COSHH Risk Assessment



Substance/material: *CLEANING AGENT*

Trade name: *'Colorfil Solvant'*

What is the substance used for?

(E.g. cleaning floors, protective coating, etc.)

Tidying up worktop joints when 'Colorfil' has been used.

What are the hazardous ingredients/chemicals in the substance? (List below)

ACETONE (100%)

Do any of the chemicals have a:

Maximum Exposure Limit? (State opposite)

No

Occupational Exposure Standard? (State opposite)

No.

Is the substance: (Check for an orange 'CHIP' square on the product data sheet or packaging.)

- Extremely flammable?
- Oxidising?
- Very toxic?
- Sensitising?
- Highly flammable?
- Harmful?
- Corrosive?
- Other? (Specify below.)
- Flammable?
- Toxic?
- Irritant?

Is the substance hazardous to health when:

In contact with skin?

Breathed in?

Other (Specify below)

In contact with eyes?

Swallowed?

USE OF SUBSTANCE

How should the substance be used?

(E.g. diluted in water, applied with a brush, sprayed, etc.)

Apply directly with a cloth.

How much is used every week?

(State quantity in litres or kilos as appropriate.)

One 150ml container used every 6 months

Who is exposed to the substance?

(E.g. those using it, pupils, service users, etc.)

Shire operatives using the substance directly

Does the substance present additional risks to certain groups or individuals?

(E.g. young people, expectant mothers.)

No.

CONTROL MEASURES

Can a less hazardous substance be used to do the same job?

Yes

No

(If you don't know, please contact your supplier for further information.)

What controls are required for this substance, other than Personal Protective Equipment (PPE)?

(E.g. well ventilated areas, not in spray/mist form, mechanical ventilation, authorised persons only.)

Avoid use in enclosed situations. Ensure areas of use are ventilated.

Is any Personal Protective Equipment (PPE) required when using the substance?



Eye protection? (State type required)

SHIRE STANDARD EYE PROTECTION.



Gloves? (State type required)



Overalls/clothing? (State type required)



Mask/respirator? (State type required)



Other? (State type required)

How should the substance be stored? (E.g. locked cupboard, away from other substances, etc.)

Keep containers closed when not in use.

Have persons using this substance been provided with information or training on its use? Yes No
 (As a minimum ensure a copy of this assessment is in a known and readily accessible location.)

OTHER PRECAUTIONS AND EMERGENCY PROCEDURES

Spillages: How should an accidental release/spillage of this substance be dealt with?
 Clean up immediately, under maximum ventilation using dry sand, or earth or other absorbents for transfer to containers for disposal.

First aid: What actions should be taken if the substance is:

- | | |
|---|--|
| a) Swallowed? Rinse out mouth with water. | b) In contact with eyes? Flush thoroughly with water for 15 mins. |
| c) In contact with skin? Wash thoroughly with soap and water. | d) Inhaled? Remove to fresh air. If breathing difficult, have a qualified person administer O ₂ . |
| e) Other? (Please specify.) Nil | |

Fire precautions: What actions should be taken in the event of fires involving this substance?
 Use a fire extinguisher such as water, dry powder or CO₂. Do NOT use a water jet extinguisher.
 Explosion Hazard in confined/enclosed space.

Chemical reactions: Is there any other substance that this substance must not come into contact with?
 Any other chemicals or agents that are strongly oxidizing.

Disposal: How should the substance be disposed of (or not disposed of)?
 Dispose of at a licensed special waste or approved recovery site

Health surveillance: Do staff using the substance require any health surveillance?
 No, due to its infrequent usage.

ASSESSMENT OF RISK

Are all the controls detailed above currently in place? Yes No

If these controls are not in place, or additional controls are required, state action to be taken.
 Please note - COSHH substances must NOT be used if adequate control measures are not in place.

Remedial actions required	Date for completion
Nil	N/A.

Are hazards to health adequately controlled with all control measures in place? Yes No

Assessor(s) name: Marcus Lynes	Assessor(s) signature: <i>[Signature]</i>	Date: 30/7/08
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The Line Manager should sign below to show that the assessment is a correct and reasonable reflection of the hazards and of the control measures and actions required.
 N/A.

A copy of the product safety data sheet must be attached to this assessment.

SAFETY DATA SHEET

DATE PREPARED/REVISED. 28th July 2003

Issue Date. 11/06/2004

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

TELEPHONE: +44 (0) 191 259 0033

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 CO₂. 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	CAS No.	STEL	LTTEL (8hrs)
Acetone	67-64-1	3560 ppm	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
Melting Point °C	-95°C
Boiling Point °C	56°C
Solubility in water	Fully miscible
Vapour pressure	400 mm Hg @ 20°C
Flash point	-18°C
Flammability limits: lower	3% vol.
Flammability limits: upper	13% vol
Auto-ignition temperature:	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

Low

POTENTIAL

OTHER ADVERSE EFFECT

Fish Toxicity

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

13. DISPOSAL CONSIDERATIONS:

Dispose in licensed special waste or approved recovery site.

14. TRANSPORT INFORMATION:

1. Classification in compliance with UN recommendations

UN Number 1090
CLASS
SUB Risks
PACKING
PROPER SHIPPING NAME

2. ADR (Transport by Road)

CLASS 3
PACKING II
DANGER LABEL PACKAGES Flammable liquid

3. RID (Transport by Rail)

CLASS
PACKING
DANGER LABEL PACKAGES

4. ADNR (Transport by Inland Waterways)

CLASS
PACKING
DANGER LABEL PACKAGES

5. IMDG (Maritime Transport)

CLASS 3.2
PACKING Group II
MFAG
IMDG 3102
MARINE POLLUTANT No

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

CLASS 3
PACKING Group II
LABEL FOR CONVEYANCE 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

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.