



COSHH Risk Assessment



Substance/material: *Jointing Compound* Trade name: *'ColorFire'*

What is the substance used for?
(E.g. cleaning floors, protective coating, etc.) *Joining laminate tops or for small laminate repairs*

What are the hazardous ingredients/chemicals in the substance? (List below)
*Toluene (<25%) Methyl Ethyl Ketone (<15%) Cellulose Ester (<60%)
Acetone (<15%) Isopropyl Alcohol (<15%)*

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.) *Applied using a decorators trowel or knife*

How much is used every week?
(State quantity in litres or kilos as appropriate.) *Very infrequent, one tube per 1/4 year.*

Who is exposed to the substance?
(E.g. those using it, pupils, service users, etc.) *Those directly using it in its application.*

Does the substance present additional risks to certain groups or individuals?
(E.g. young people, expectant mothers.) *Possible risk to unborn children. Expectant mothers should not use the product.*

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.)
Use in a well ventilated area, to avoid build up of fumes if using for long periods (not usual) you should use mechanical ventilation to assist in air change.

Is any Personal Protective Equipment (PPE) required when using the substance?
 Eye protection? (State type required) *STANDARD SHIRE EYE PROTECTION* Gloves? (State type required)
 Overalls/clothing? (State type required) *LONG SLEEVED TOP* Mask/respirator? (State type required)
 Other? (State type required)

How should the substance be stored? (E.g. locked cupboard, away from other substances, etc.)
Store in a well ventilated area away from sources of ignition. Keep away from children. And keep in sealed containers

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?
 Scrape up any spillages and dispose of in a suitably sealed and labelled drum for correct disposal (while soft). If the product has gone 'hard' these are non-hazardous as such can be disposed of at landfill.

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

a) Swallowed? Do NOT induce vomiting. RINSE MOUTH THOROUGHLY. GIVE WATER TO DRINK.	b) In contact with eyes? WASH / IRRIGATE eyes with plenty of water for approx 15 mins
c) In contact with skin? Wash skin with plenty of water and soap.	d) Inhaled? Move the I.P. to a well ventilated area. if necessary get a qualified person to give O2
e) Other? (Please specify.) Nil	

Fire precautions: What actions should be taken in the event of fires involving this substance?
 Use A fire extinguisher of water, foam or carbon dioxide. Sand can also be used to extinguish.

Chemical reactions: Is there any other substance that this substance must not come into contact with?
 Nil

Disposal: How should the substance be disposed of (or not disposed of)?
 As above in 'spillages'.

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

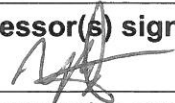
ASSESSMENT OF RISK

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 LINES.	Assessor(s) signature: 	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. 27th October 2005

Issue Date. 07/02/2006

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY:

PRODUCT NAME: COLORFILL
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
Toluene	108-88-3 203-625-9	< 25%	Xn	R11, Repr.Cat.3 R63 R48/20-65
Acetone	67-64-1 200-662-2	< 15%	X i	R11,36,66,67
Methyl Ethyl Ketone	78-93-3 201-159-0	< 15%	X i	R11,36,66,67
Isopropyl Alcohol	67-63-0 200-661-7	< 15%	X i	R11,36,67
Cellulose Ester	9004-36-8	< 60%		

3. HAZARDS IDENTIFICATION:

Flammable Harmful by inhalation

- Irritating to the eyes, respiratory system and skin
- Possible risk of harm to the unborn child

4. FIRST AID MEASURES:

GENERAL: Consult a physician for specific advice

EYES: Irrigate with copious quantities of water for 15 minutes. Seek medical assistance if irritation persists

SKIN: Wash contaminated skin with plenty of soap and water. If irritation occurs seek medical advice.

INHALATION: Move the exposed person to fresh air at once. Keep at rest until fully recovered. If breathing is difficult have qualified person assist the affected person by administering oxygen. Seek prompt medical advice.

INGESTION: Do not induce vomiting Get medical attention immediately. Rinse mouth thoroughly. Give water to drink.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA Water spray, fog or mist. Foam. Carbon dioxide, dry chemicals, sand etc.

SPECIAL FIRE FIGHTING PROCEDURES Highly flammable due to solvent content. If safe to do so remove containers from path of fire. Keep unaffected containers cool with water spray. The use of breathing apparatus is recommended.

UNUSUAL HAZARDS No known risks of dangerous reactions.

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PROTECTION	Wear protective clothing to prevent skin and eye contamination and inhalation of vapours.
ENVIRONMENTAL PRECAUTIONS	Shut off all possible sources of ignition. Increase ventilation.
SPILL CLEANUP METHODS	Scrape up material while soft using a spark free shovel. Collect and seal in properly labeled drums for correct disposal. Waste, containing solvents, must be disposed of as flammable liquids. Dried solids, which are odour free, are non hazardous and may be disposed of at normal landfill site.

7. HANDLING AND STORAGE:

HANDLING	Avoid contact with skin and eyes. Vapours should be extracted to avoid inhalation.
STORAGE	Keep in a cool well-ventilated area away from sources of ignition. Keep away from children at all times. Keep containers sealed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT	CAS No.	STEL	LEL (8hrs)
Toluene	108-88-3	150 ppm	50 ppm
Acetone	67-64-1	3560 ppm	1780 ppm
Methyl Ethyl Ketone	78-93-3	300 ppm	200 ppm
Isopropyl Alcohol	67-63-0	500 ppm	400 ppm

VENTILATION	Use in a well ventilated area.
PERSONAL PROTECTION	Wear approved safety glasses where eye exposure is reasonably probable. Wash hands after using and before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance	Pigmented paste
Odour	Solvent
Specific Gravity	0.96
Melting Point °C	N D
Boiling Point °C	80°C
Solubility in water	Insoluble
Soluble in	Organic solvents
Vapour pressure	Approx 90mm (12.0 kPa)
Percent Solids	Approx 45%
Flash point	Approx 0°C
Viscosity	Approx 35 Pa.s (350 poise)

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID	The product is stable under normal working conditions
MATERIALS TO AVOID	None
HAZARDOUS DECOMPOSITION PRODUCTS	Carbon monoxide carbon dioxide

11. TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS	Harmful
ROUTE OF ENTRY	Inhalation, Skin absorption Ingestion Skin or eye contact
TARGET ORGANS	Blood, Central nervous system, Eyes Kidneys Liver Respiratory system, lungs. Skin
MEDICAL SYMPTOMS	Extreme irritation of eyes and mucous membranes. Severe skin irritation. Nausea, vomiting drowsiness dizziness disorientation.

12. ECOLOGICAL INFORMATION:

ECOTOXICITY	Marine Pollutant
MOBILITY	Medium
PERSISTANCE	Low
BIOACCUMULATIVE POTENTIAL	Low
OTHER ADVERSE EFFECT	None

13. DISPOSAL CONSIDERATIONS:

Hazardous waste; Wipe up spill with rag or towel and treat as flammable material. Dispose of according to local or national guidelines. If dry, remove by cutting or abrasion. Dry solids are non hazardous with no restriction on disposal. Do not pour into drains or water systems.

14. TRANSPORT INFORMATION:

1. Classification in compliance with UN recommendations

UN Number	1263
CLASS	3
PACKING	2
PROPER SHIPPING NAME	Paint

2. ADR (Transport by Road)

CLASS	3
PACKING	2
DANGER LABEL PACKAGES	Flammable

3. IMDG (Maritime Transport)

CLASS	3
PACKING	2
MFAG	310,313
EMS	F-E, S-3
MARINE POLLUTANT	Yes

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY

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



Highly
Flammable



Harmful

RISK PHRASES

R11	Highly Flammable
R20	Harmful by inhalation
R36/37/38	Irritating to the eyes, respiratory system and skin.
R63	May cause harm to the unborn child.
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
S7	Keep container tightly closed.
S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking
S24/25	Avoid contact with skin and eyes
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.