

MATERIAL SAFETY DATA SHEET
JC019

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Peelable Plastic Coating
 PRODUCT NO. J0019
 APPLICATION PEELABLE COATING
 SUPPLIER JETCHEM SYSTEMS LIMITED
 CUBA INDUSTRIAL ESTATE,
 RAMSBOTTOM
 BURY
 BLO ONE
 Tel: 01706 828 888
 Fax: 01706 828 000

2 HAZARDS IDENTIFICATION

Highly flammable. Vapours may cause drowsiness and dizziness. Irritating to eyes and skin. Possible risk of harm to the unborn child.
 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
 CLASSIFICATION Xn;R48/20. Rep 3;R63. Xi;R36/38. F;R11. R67.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
TOLUENE	203-625-9	108-88-3	10-30%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

If medical attention is required present a copy of this datasheet to the physician.

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

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! DO NOT induce vomiting. Get medical attention immediately. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical.

SKIN CONTACT

Remove affected person from source of contamination. Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Alcohol resistant foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.

SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. Move container from fire area if it can be done without risk. Use water spray to reduce vapours. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS

HIGHLY FLAMMABLE! May explode in a fire. May form explosive or toxic mixtures with air. May travel considerable distance to source of ignition and flash back. Vapour explosion and poison hazard indoors, outdoors and in sewers.

SPECIFIC HAZARDS

Fire creates: Carbon dioxide (CO2). Carbon monoxide (CO). Hydrogen chloride (HCl).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing. Avoid contact with skin and eyes. Do not smoke, use naked flames or other sources of ignition. Do not breathe vapour. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

ENVIRONMENTAL PRECAUTIONS

Avoid discharge to the aquatic environment. Spillages or uncontrolled discharges into water courses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Ventilate well, stop flow of gas or liquid if possible. Remove ignition sources. Do not allow chemical to enter confined spaces such as sewers due to explosion risk. Sewers designed to preclude formation of explosive concentrations of vapour may be permitted. Absorb small quantities with paper towels and evaporate in safe place (fume hood). Allow sufficient time for vapours to completely clear the hood ducts, then burn the paper in a location away from combustible materials. Collect with non-combustible absorbent material. Flush with water. Dike for large spills. Let evaporate. Keep out of confined spaces because of explosion risk. Clean-up personnel should use respiratory and/or liquid contact protection.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Avoid acids, moisture, and combustible materials. Wear full protective clothing for prolonged exposure and/or high concentrations. Pregnant women should not work with the product, if there is the least risk of exposure.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a dry, cool and well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks.

STORAGE CLASS

Flammable liquid storage.

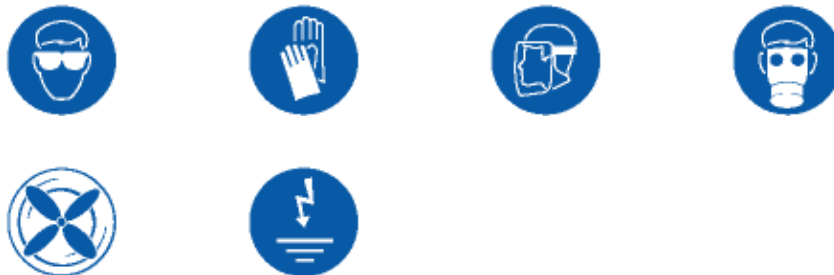
8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
ACETONE	WEL	500 ppm	1210 mg/m3	1500 ppm	3620 mg/m3
TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits Sk = Can be absorbed through skin.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Chemical respirator with organic vapour cartridge and full facepiece.

HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet. Promptly remove any clothing that becomes wet or contaminated. Contaminated clothing to be placed in closed container until disposal or decontamination. Warn cleaning personnel of chemical's hazardous properties.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous Liquid		
COLOUR	Cream		
ODOUR	Solvent		
SOLUBILITY	Immiscible with water		
BOILING POINT (°C)	56 - 110 @ 760mmHg	RELATIVE DENSITY	0.945 @ 20 °c
VAPOUR DENSITY (air=1)	> 1.0	FLASH POINT (°C)	- 17 CC (Closed cup).
FLAMMABILITY LIMIT - LOWER (%)	1.0	FLAMMABILITY LIMIT - UPPER (%)	12.0

10 STABILITY AND REACTIVITY

STABILITY

Avoid: Heat, sparks, flames.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Avoid contact with strong oxidisers.

MATERIALS TO AVOID

Strong oxidising substances. Strong reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrogen chloride (HCl).

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION

Harmful: danger of serious damage to health by prolonged exposure through inhalation. Vapours may cause drowsiness and dizziness. Gas or vapour in high concentrations may irritate respiratory system. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

INGESTION

May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

SKIN CONTACT

Irritating to skin. Prolonged or repeated exposure may cause severe irritation. May be absorbed through the skin.

EYE CONTACT

Irritating to eyes. Repeated exposure may cause chronic eye irritation.

HEALTH WARNINGS

Possible risk of harm to the unborn child. Contains a substance/a group of substances which may cause harm to the unborn child.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Incinerate in suitable combustion chamber. Absorb in vermiculite or dry sand, dispose in licensed hazardous waste. Collect on absorbent material, place in cardboard kegs and incinerate. Confirm disposal procedures with environmental engineer and local regulations.

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME

PAINT RELATED

MATERIALS (Contains Toluene and Acetone)

ROAD TRANSPORT NOTES	Packaging Group II Transport category 2 Classification Code : F1	ADR CLASS	Class 3: Flammable liquids.
UN NO. ROAD	1263	HAZARD NO. (ADR)	33 Highly flammable liquid (flash-point below 23°C).
ADR PACK GROUP	II	CEPIC TEC(R) NO.	30GF1-II
HAZCHEM CODE	3YE	IMDG CLASS	3.2
UN NO. SEA	1263	EMS	F-E, S-E
IMDG PACK GR.	II		
MARINE POLLUTANT	No.		

15 REGULATORY INFORMATION

LABELLING



Harmful



Highly Flammable

CONTAINS

TOLUENE

RISK PHRASES

R11	Highly flammable.
R36/38	Irritating to eyes and skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63	Possible risk of harm to the unborn child.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

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.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

UK REGULATORY REFERENCES

Chemicals (Hazard Information Packaging & Supply) Regulations 2002 (CHIP 3).

EU DIRECTIVES

Implements the Dangerous Substances Directive (67/548/EEC), 29th Adaptation to Technical Progress.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH 40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Control of Substances Hazardous to Health Regulations 2002 (as amended) The Carriage of Dangerous Goods and use of transportable pressure equipment regulations 2004.

16 OTHER INFORMATION

GENERAL INFORMATION

For further information or advice contact our technical service line during regular office hours on 01706 828 888.

This safety data sheet has been compiled for the product as supplied, properties and hazards will vary if the product is diluted with water or mixed with any other material.

REVISION COMMENTS

The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.

REVISION DATE January 2009

REV. NO./REPL. SDS GENERATED January 2005

SDS NO. 4

SAFETY DATA SHEET STATUS
Approved.

DATE January 2009

SIGNATURE Health & Safety Officer

RISK PHRASES IN FULL

- R11 Highly flammable.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R63 Possible risk of harm to the unborn child.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.