

SAFETY DATA SHEET

PLUSBOND 3019



1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: PLUSBOND 3019

EMERGENCY TELEPHONES: +44 [0]1785 255141

SUPPLIER: Evode Limited
Common Road
Stafford
ST16 3BH

TELEPHONE: +44 [0]1785 257755

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	CAS No.:	CONTENT	HEALTH:	RISK:
BUTANONE	78-93-3	60-100 %	Xi	36
TETRAHYDROFURAN	109-99-9	10-30 %	Xi	36/37
CYCLOHEXANONE	108-94-1	5-10 %	Xn	
SULPHOSUCCINATE DIESTER SOLUTION		0-1 %	Xi	36/38
PROPYLENE CARBONATE	108-32-7	0-1 %	Xi	36
COCONUT DIETHANOLAMIDE		0-1 %	Xi	36/38

3. HAZARDS IDENTIFICATION:

Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING! Get medical attention immediately!

SKIN: Dry skin with paper towel or similar. DO NOT use solvents. Clean skin using resin removing cream or hand cleanser. Finally wash with soap and water.

EYES: Rinse the eye with water immediately. Get medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:

Stop flow of material to fire. Use: Sand or earth. Fire can be extinguished using: Foam. Powder. DO NOT use water.

HAZARDOUS COMBUSTION PRODUCTS:

Fire or high temperatures create: Toxic gases/vapours/fumes. Carbon monoxide (CO). Carbon dioxide (CO₂).

6. ACCIDENTAL RELEASE MEASURES:**SPILL CLEANUP METHODS:**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Pick up using spark proof tools and place in a sealable metal container pending disposal. Container to be labelled with contents description.

7. HANDLING AND STORAGE:**USAGE PRECAUTIONS:**

This adhesive must be used in accordance with the requirements of the Highly Flammable Liquids and Liquefied Petroleum Gases Regulations 1972. Keep away from heat, sparks and open flame. Avoid inhalation of vapours. Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS:

Store in closed containers in a dry, ventilated place in the temperature range 5C to 30C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
BUTANONE	78-93-3	OES.	200 ppm(Sk)	300 ppm(Sk)
CYCLOHEXANONE	108-94-1	OES.	25 ppm	100 ppm
TETRAHYDROFURAN	109-99-9	OES.	100 ppm(Sk)	200 ppm(Sk)

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard. Limits taken from EH40 Occupational Exposure Limits.

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: If ventilation is insufficient, suitable respiratory protection must be provided.

PROTECTIVE GLOVES:

Protective gloves must be used if there is a risk of direct contact or splash.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

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

Viscous Liquid.

ODOUR/TASTE:

Organic solvents.

PHYSICAL DATA COMMENTS:

The information given is intended to indicate typical values and does not constitute a specification.

FLASH POINT (°C):

-14 METHOD: CC (Closed cup).

OTHER PHYSICAL DATA:**SPECIFIC GRAVITY**

approx. 0.9

g/ml

BOILING POINT - initial

65

degrees C

10. STABILITY AND REACTIVITY:

STABILITY: Avoid: Temperatures above 30C.

MATERIALS TO AVOID:

Strong oxidizing agents. Flammable/comb. material.

HAZARDOUS DECOMP. PRODUCTS:

Fire or high temperatures create: Toxic gases/vapours/fumes. Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION:

INHALATION: Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Unconsciousness.

INGESTION: Nausea, vomiting. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN: Prolonged or repeated contact leads to drying of skin.

EYES: Irritating to eyes.

HEALTH WARNINGS:

Prolonged or repeated inhalation may cause: Liver and/or kidney damage.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:

Contamination of both aquatic and terrestrial environments should be avoided. Once the solvent has evaporated there is no residual risk to the environment. The concentration of solvent vapour in the atmosphere must meet limits set in the Environmental Protection Act.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Waste product comes within the scope of The Special Waste Regulations 1996. Emptied containers and those containing scrap or spilt product should be re-sealed or re-lidded so that any vapour is confined to the container. They should be stored as full containers. Disposal must be in accordance with regulations by an authorised company.

14. TRANSPORT INFORMATION:

ROAD TRANSPORT:

UN No. ROAD:	I133
ADR CLASS No.:	Class 3: Flammable liquids.
ADR ITEM No.:	5o(c)

SEA TRANSPORT:

IMDG CLASS:	3.2
IMDG PACK GR.:	III

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:**RISK PHRASES:**

R-11 Highly flammable.
R-36 Irritating to eyes.
R-66 Repeated exposure may cause skin dryness or cracking.
R-67 Vapours may cause drowsiness and dizziness.

SAFETY PHRASES:

S-2 Keep out of reach of children.
S-16 Keep away from sources of ignition - No Smoking.
S-33 Take precautionary measures against static discharges.
S-51 Use only in well ventilated areas.
S-24/25 Avoid contact with skin and eyes.

UK REGULATORY REFERENCES:

Chemicals (Hazard Information & Packaging for Supply) Regulations 1994

16. OTHER INFORMATION:

USER NOTES:

This product should be used as directed by Evode Ltd.. For further information consult the product data sheet or contact Technical Services.

INFORMATION SOURCES:

This safety data sheet was compiled using the current safety information supplied by the distributors of the component raw materials.

REVISION COMMENTS:

This safety data sheet supercedes all previous issues and users are cautioned to ensure it is current. Destroy all previous data sheets and if in doubt contact Evode Ltd..

REVISION DATE:

March 2000

SDS No.:

T3019/52