



SAFETY DATA SHEET EGAWELD PLUS

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME EGAWELD PLUS
PRODUCT NO. 116931
SUPPLIER BOSTIK LIMITED
COMMON ROAD
STAFFORD
STAFFORDSHIRE ST16 3EH
+44 1785 255141
+44 1785 272650

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ACETONE	200-662-2	67-64-1	5-10%	F;R11 Xi;R36 R66 R67
BUTANONE	201-159-0	78-93-3	60-100%	F;R11 Xi;R36 R66 R67
CYCLOHEXANONE	203-631-1	108-94-1	10-30%	R10 Xn;R20
TETRAHYDROFURAN	203-726-8	109-99-9	5-10%	Xi;R36/37. F;R11. R19.

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

3 HAZARDS IDENTIFICATION

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

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite the vapour

CLASSIFICATION Xi;R36. F;R11. R66, R67.

4 FIRST-AID MEASURES

INHALATION

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Rinse the eye with water immediately. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Powder. Foam.

UNUSUAL FIRE & EXPLOSION HAZARDS

Generates massive smoke during fire. Vapours are heavier than air and may spread near ground to sources of ignition. HIGHLY FLAMMABLE! Risk of explosion in closed containers if pressure rises rapidly. Solvent vapours may form explosive mixtures with air.

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO).

PROTECTIVE MEASURES IN FIRE

Wear self contained breathing apparatus

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Avoid skin and eye contact. Ensure adequate ventilation. Wear personal protective equipment.

EGAWELD PLUS**ENVIRONMENTAL PRECAUTIONS**

Prevent entry into drains and water courses.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewer, waterway or ground is forbidden. Absorb onto sand, earth or absorbent granules. Pick up with non-sparking tools and place into metal containers with sealable lids. Mark containers with details of hazards and store in designated area ready for disposal.

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.

STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Ground container and transfer equipment to eliminate static electric sparks. Store at moderate temperatures in dry, well ventilated area.

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
BUTANONE	WEL	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)
CYCLOHEXANONE	WEL	10 ppm(Sk)		20 ppm(Sk)	
TETRAHYDROFURAN	WEL	50 ppm(Sk)		100 ppm(Sk)	

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Explosion-proof general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection must be used if air contamination exceeds acceptable level. Wear mask supplied with: Gas cartridge suitable for organic substances.

HAND PROTECTION

Protective gloves must be used if there is a risk of direct contact or splash. Use protective gloves made of: Nitrile. Use thin cotton gloves inside the rubber gloves if allergy risk.

EYE PROTECTION

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

OTHER PROTECTION

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Translucent.
ODOUR	Solvent.
FLASH POINT (°C)	- 14 Not noted.

10 STABILITY AND REACTIVITY**STABILITY**

Avoid: Heat, sparks, flames.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

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

EGAWELD PLUS**11 TOXICOLOGICAL INFORMATION****INHALATION**

Drowsiness, dizziness, disorientation, vertigo. Gas or vapour may irritate respiratory system.

INGESTION

Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Prolonged contact may cause dryness of the skin. May cause skin irritation/eczema

EYE CONTACT

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

HEALTH WARNINGS

Defats the skin. Prolonged or repeated exposure may cause severe irritation.

MEDICAL CONSIDERATIONS

Skin disorders and allergies.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Dangerous for the environment if discharged into watercourses. Contamination of the terrestrial and aquatic environments should be avoided

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

This material is classified as special waste as defined by Special Waste Regulations 1996 and must be disposed of by an authorised contractor

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

Recover and reclaim or recycle, if practical.

WASTE CLASS

Classified as Special Waste. Not permitted for landfill in liquid state.

14 TRANSPORT INFORMATION

UK ROAD CLASS	3		
PROPER SHIPPING NAME	ADHESIVES		
UN NO. ROAD	1133	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	HAZARD No. (ADR)	30
ADR LABEL NO.	3	HAZCHEM CODE	3Y
CEPIC TEC(R) NO.	30GF1-III, 30GF1-sp	RID CLASS NO.	3
RID PACK GROUP	III	UN NO. SEA	1133
IMDG CLASS	3	IMDG PAGE NO.	3
IMDG PACK GR.	III	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1133	ICAO CLASS	3
AIR PACK GR.	III		

15 REGULATORY INFORMATION**LABELLING**

Irritant



Highly Flammable

EGAWELD PLUS**RISK PHRASES**

R11	Highly flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
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.
S25	Avoid contact with eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.
P5	Contains epoxy constituents. See information supplied by the manufacturer.

16 OTHER INFORMATION**GENERAL INFORMATION**

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

INFORMATION SOURCES

This safety data sheet was compiled using current safety information supplied by distributor of raw materials.

REVISION COMMENTS

This safety data sheet supersedes all previous issues and users are cautioned to ensure that it is current. Destroy all previous data sheets and if in doubt contact Bostik Limited.

ISSUED BY

Approved EC

REVISION DATE Dec 2004

REV. NO./REPL. SDS GENERATED 2

DATE Oct 2004

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R19	May form explosive peroxides.
R20	Harmful by inhalation.
R36	Irritating to eyes.
R36/37	Irritating to eyes and respiratory system.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.