

**Safety Data Sheet**

**MITA PVC Solvent Weld**

**1. Identification of the substance/preparation and of the company/undertaking**

**Trade name:**  
MITA (ADH25)

**Company name:**  
Schneider-Electric Limited,  
Stafford Park 5,  
Telford,  
Shropshire,  
TF3 3BL  
Phone: 0870 608 8608  
E-Mail: gb-rsstechnicalsupport@schneider-electric.com

**2. Composition/information on ingredients**

BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700)	< 1%
--	------

CAS-No: 25068-38-6	EC No: 500-033-5	Registration Number: 05-2114287500-52
--------------------	------------------	---------------------------------------

Classification (EC 1272/2008) Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317 Aquatic Chronic 2 – H411	Classification (67/548/EEC) Xi;R36/38. N;R51/53 R43.
---	---

BUTANONE	60 – 100%
----------	-----------

CAS-No: 78-93-3	EC No: 201-159-0	Registration Number: 01-2119457290-43
-----------------	------------------	---------------------------------------

Classification (EC 1272/2008) Flam. Liq. 2 – H225 EUH066 Eye Irrit. 2 – H319 STOT SE 3 – H336	Classification (67/548/EEC) F;R11 Xi;R36 R66 R67
---	--

CYCLOHEXANONE	5 – 10%
---------------	---------

CAS-No: 108-94-1	EC No: 203-631-1	
------------------	------------------	--

Classification (EC 1272/2008) Flam. Liq. 3 – H226 Acute Tox. 4 – H332	Classification (67/548/EEC) R10 Xn;R20
---	--

The full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

### 3. Hazard identification

Vapours are heavier than air and can travel long distances to a source of ignition Pilot lights can ignite vapour  
 CLASSIFICATION (1999/45) Xi;R36. F;R11, R66, R67

CLASSIFICATION (EC 1272/2008)	Physical and Chemical Hazards	Flam. Liq. 2 – H225
	Human Health	EUH066; Eye Irrit. 2 – H319; STOT SE 3 – H336
	Environment	Not classified

LABEL IN ACCORDANCE WITH (EC) NO. 1272/2008



SIGNAL WORD	Danger	
HAZARD STATEMENTS	H225 H319 H336	Highly flammable liquid and vapour Cause serious eye irritation May cause drowsiness or dizziness
PRECAUTIONARY STATEMENTS	P210 P271 P280 P305+351+338  P313 P502	Keep away from heat/sparks/open flames/hot surface. – No smoking Use only outdoors or in a well-ventilated Area Wear protective gloves/protective clothing/eye protection/face protection IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention. Dispose of contents/container to hazardous or special waste collection point
SUPPLEMENTARY PRECAUTIONARY STATEMENTS	P233 P240 P241 P242 P243  P261 P264  P370+378  P303+361+353	Keep container tightly closed Ground/bond container and receiving equipment. Use explosion-proof electrical Equipment Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapour/spray. Dispose of contents/container to hazardous or special waste collection point. In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

	P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
	P312	Call a POISON CENTER or doctor/physician if you feel unwell.
	P337	If eye irritation persists:
	P403+233	Store in a well-ventilated place. Keep container tightly closed
	P403+235	Store in a well-ventilated place. Keep cool.
	P405	Store locked up.
Supplement Label information (EU)	EUH066	Repeated exposure may cause skin dryness or cracking.
	EUH205	Contains epoxy constituents. May produce an allergic reaction.
	EUH208	Contains BISPHENOL A-EPICHLOROHYDRIN EPOXY RESIN (NUMBER AV MW<700). May produce an allergic reaction.

#### 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.

**Special Fire Fighting Procedures:**

Not Known

**Unusual fire and 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 (CO<sub>2</sub>). Carbon Monoxide (CO)

**Protective measures in fire:** Self contained breathing apparatus and full protective clothing must be worn in case of fire

#### 6. Accidental release measure

**Personal Precautions:** Avoid contact with skin and eyes. Provide adequate ventilation. Wear protective clothing as described in section 8 of this safety data sheet.

**Environmental Precautions:** Prevent entry into drains. Avoid discharge into water courses or onto the ground.

**Spill clean up methods:** Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilation. Runoff or release to sewer, waterway or ground is forbidden. Absorb with sand or other inert absorbent. Collect with absorbent, non-combustible material into suitable containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

#### 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	TWA – 8 hrs		STEL – 15 min		Notes
BUTANONE	WEL	200 ppm(Sk)	600 mg/m <sup>3</sup> (Sk)	300 ppm(Sk)	899 mg/m <sup>3</sup> (Sk)	
CYCLOHEXANONE	WEL	10 ppm(Sk)		20 ppm(Sk)		

WEL = Workplace exposure limit

Ingredient comments

WEL = Workplace exposure limit

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
Odour	Characteristic
Relative Density	0.90
Flash point (°C)	- 4

## 10. Stability and reactivity

**Stability:** Avoid Heat, sparks, flames

**Conditions to avoid:** Not known

**Hazardous Polymerisation:** Unknown

**Materials to avoid:** Strong oxidising substances.

**Hazardous decomposition products:** Fire or high temperatures create: toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO)

## 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:** Not regarded as dangerous for the environment. However, contamination of the aquatic or terrestrial environments should be avoided.

**Mobility:** Semi-mobile

**Bioaccumulation:** No data available on bioaccumulation

**Degradability:** There are no data on the degradability of this product.

### 13. Disposal considerations

**General information:** Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local waste disposal authority

**Disposal methods:** Disposal 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



PROPER SHIPPING NAME	ADHESIVES		
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No		
ADR CLASS NO.	3	ADR CLASS	Class 3. Flammable Liquids
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE (D/E)	
HAZARD No (ADR)	33	UN NO. ROAD	1133
HAZCHEM CODE	.3YE	ADR LABEL NO.	3
UN NO SEA	1133	IMDG CLASS	3
IMDG PAGE NO.	3	IMDG PACK GR	III
EMS	F-E, S-D	MFAG	See guide
UN NO AIR	1133	AIR CLASS	3
AIR PACK GR	III		

### 15. Regulatory information

#### EU DIRECTIVES

Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### STATUTORY INSTRUMENTS

The chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108). Introduction to Local Exhaust Ventilation HS(G)37.

## 16. Other information

General Information: This product should be used as directed by Schneider Electric. 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: NOTE: Lines within the margin indicate significant changes from the previous revision. This safety 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 Schneider Electric Limited.

### Risk Phrases in full

R10	Flammable
R11	Highly flammable
R20	Harmful by inhalation
R36	Irritating to eyes
R36/38	Irritating to eyes and skin
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness

### Hazard statements in full

EUH066	Repeated exposure may cause skin dryness or cracking
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H315	Cause skin irritation
H317	May cause an allergic skin reaction
H319	Cause serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects