







**MATERIAL SAFETY DATA SHEET FOR
BOSS PVCU NON PRESSURE SOLVENT CEMENT - 72117950**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Adhesive
Intended use:	Suitable for gap-filling and jointing non-pressure and drainage PVCU applications
Trade Name:	BOSS PVCU Non Pressure Solvent Cement
Supplier of product:	The BSS Group plc
Registered Office:	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
Telephone/Fax Numbers:	0116 245 5500 / 0116 218 2214
E-mail Address	reception@bssgroup.com
Web site Address	www.bssindustrial.co.uk

2. HAZARD IDENTIFICATION



Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008		
	GHS02 Flame	Flam. Liq. 2. H225 Highly flammable liquid and vapour
	GHS07	Eye Irrit. 2. H319 Causes serious eye irritation STOT SE 3 H336 May cause drowsiness or dizziness
Label elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. Hazard pictograms		
	GHS02 Flame	
	GHS07	
Signal word	Danger	
Hazard-determining components of labelling:	Methyl ethyl ketone	
Hazard statements	H225 H319 H336	Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.



2. HAZARD IDENTIFICATION (cont.)

Precautionary statements	P101 P102 P210 P261 P370+P378 P403+P233 P501	If medical advice is needed, have product container or label at hand. Keep out of reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapours. In case of fire: Use to extinguish: Water haze, Alcohol resistant foam, Fire-extinguishing powder, Carbon dioxide. Store in a well-ventilated place. Keep container tightly closed. Dispose of contents/container in accordance with national
Additional information: EUH066 Repeated exposure may cause skin dryness or cracking.		
2.3 Other hazards Results of PBT and vPvB assessment PBT: Not applicable. vPvB: Not applicable.		

3. COMPOSITION/INFORMATION ON INGREDIENTS.

Mixtures		
Description:	Adhesive	
Dangerous Components:		
Cas No. 78-93-3	Methyl Ethyl Ketone	50-100%
EINECS. 201-159-0 Reg.nr.: 01-2119457290-43	 Flam. Liq. 2, H225;	 Eye Irrit. 2, H319; STOT
Reg. Nr.: 01-2119457290-43 SE 3, H336		
Additional Information: For the wording of the listed risk phrases refer to section 16		

4. FIRST AID MEASURES

Description of first aid measures	
After Inhalation:	Supply fresh air; consult doctor in case of complaints.
After Skin Contact:	Generally the product does not irritate the skin
After Eye Contact:	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
After Swallowing:	Do not induce vomiting; call for medical help immediately
Most important symptoms and effects, both acute and delayed No further relevant information available	
Indication of any immediate medical attention and special treatment needed No further relevant information available	



5. FIRE FIGHTING MEASURES

Extinguishing media	
Suitable extinguishing agents:	Water haze Alcohol resistant foam Fire-extinguishing powder Carbon Dioxide
For safety reasons unsuitable extinguishing agents:	Water with full jet
Special hazards arising from the substance or mixture No further relevant information available	
Advice for fire fighters	
Protective equipment:	Mount respiratory protective device
Additional information: Cool endangered receptacles with water spray Collect contaminated fire fighting water separately. It must not enter the sewage system	

6. ACCIDENTAL RELEASE MEASURES


Personal precautions, protective equipment and emergency procedures:	Wear protective equipment. Keep unprotected persons away
Environmental precautions:	Prevent seepage into sewage systems, work pits and cellars Do not allow to enter sewers/surface or ground water
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust) Dispose contaminated material as waste according to item 13 Ensure adequate ventilation
Reference to other sections:	See Section 7 for information on safe handling See Section 8 for information on personal protection equipment See section 13 for disposal information

7. HANDLING AND STORAGE:

Precautions for safe handling:	Ensure good ventilation/exhaustion at the workplace Prevent formation of aerosols Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air)
Information about fire - and explosion protection:	Keep ignition sources away – Do not smoke Protect against electrostatic charges
Conditions for Safe Storage, including any incompatibilities	
Storage:	
Requirements to be met by storerooms and receptacles:	Store in a cool location
Information about storage in one common storage facility:	Not required
Further information about storage conditions:	Keep receptacles tightly sealed Store in cool, dry conditions in well sealed receptacles
Specific end use(s):	No further relevant information available



8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information about design of technical facilities:	No further data, see item 7
Ingredients with limit values that require monitoring at the workplace:	
78-93-3 Methyl Ethyl Ketone	
WEL	Short-term value: 899 mg/m ³ 300 ppm Long-term value: 600 mg/m ³ 200 ppm Sk BMGV
IOELV (European Union)	Short-term value: 900 mg/m ³ , 300 ppm Long-term value: 600 mg/m ³ , 200 ppm
Ingredients with biological limit values:	
78-93-3 methyl ethyl ketone	
BMGV (Great Britain)	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
Additional information: The lists valid during the making were used as basis.	
Exposure Controls	
Personal protective equipment:	
General protective and hygienic measures:	The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work Do not inhale gases/fumes/aerosols Avoid contact with the eyes Avoid contact with the eyes and skin
Respiratory Protection:	Use suitable respiratory protective device in case of insufficient ventilation.
Protection of hands:	
Solvent resistant gloves:	The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
Material of gloves:	The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.
Penetration time of glove material:	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:	PVC or PE gloves
Eye Protection:	 Tightly sealed goggles
Body Protection:	Solvent resistant protective clothing



9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties	
General Information	
Appearance:	
Form:	Fluid
Colour:	According to product specification
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	Not determined
Change in condition	
Melting point/Melting range:	Undetermined
Boiling point/boiling range:	79°C
Flash point:	-4°C
Flammability (solid, gaseous):	Not applicable
Ignition temperature:	514°C
Decomposition temperature:	Not determined
Self-igniting:	Product is not self igniting
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Explosion Limits:	
Lower:	1.8 Vol %
Upper:	11.5 Vol %
Vapour pressure at 20°C:	105 hPa
Density at 20°C:	0.94 g/cm ³
Relative density:	Not determined
Vapour density:	Not determined
Evaporation rate:	Not determined
Solubility in/Miscibility with water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	
Dynamic at 20 °C:	2500 mPas
Kinematic:	Not determined
Organic solvents:	19.7%
Other information:	All relevant physical data were determined for the mixture. All non-determined data are not measurable or not relevant for the characterization of the mixture



10. STABILITY AND REACTIVITY

Reactivity	No further relevant information available
Chemical Stability	
Thermal decomposition/conditions to be avoided:	No decomposition if used according to specifications
Possibility of hazardous reactions:	No dangerous reactions known
Conditions to avoid:	No further relevant information available
Incompatible materials:	No further relevant information available
Hazardous decomposition products:	Danger of forming toxic pyrolysis products

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects	
Acute toxicity:	Based on available data, the classification criteria are not met
LD/LC50 values relevant for classification:	
78-93-3	methyl ethyl ketone Oral LD50 3300 mg/kg (rat) Dermal LD50 5000 mg/kg (rbt)
Primary Irritant Effect:	
Skin corrosion/irritation:	Based on available data, the classification criteria are not met
Serious eye damage/irritation:	Causes serious eye irritation.
Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)	
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	Based on available data, the classification criteria are not met
Reproductive toxicity	Based on available data, the classification criteria are not met
STOT-single exposure	May cause drowsiness or dizziness
STOT-repeated exposure	Based on available data, the classification criteria are not met
Aspiration hazard	Based on available data, the classification criteria are not met

12. ECOLOGICAL INFORMATION



Toxicity	
Aquatic toxicity:	No further relevant information available
Persistence and degradability:	No further relevant information available
Bioaccumulative potential:	No further relevant information available
Mobility in Soil:	No further relevant information available
Additional ecological information:	
General Notes:	Water hazard class 1 (German Regulations) (Self Assessment): slightly hazardous for water Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment	
PBT:	Not applicable
vPvB:	Not applicable
Other adverse effects:	No further relevant information available



13. DISPOSAL CONSIDERATIONS

Waste treatment methods	
Recommendation:	Must not be disposed together with household garbage. Do not allow product to reach sewage system
Uncleaned Packaging	
Recommendation:	Disposal must be made according to official regulations Packagings that may not be cleansed are to be disposed of in the same manner as the product

14. TRANSPORT INFORMATION

UN/ID Number:	
ADR, AND, IMDG, IATA:	UN1133
Proper Shipping Name:	
ADR/ADN	1133 ADHESIVES
IMDG, IATA Class:	ADHESIVES
Transport hazard class(es)	
ADR/ARN	
Class:	3 (F1) Flammable liquids
Label:	3
IMDG, IATA	
Class:	3 Flammable liquids
Label:	3
ADR, AND, IMDG, IATA	III
Environmental Hazards:	
Marine Pollutant:	No
Special precautions for user:	Warning: Flammable liquids
Danger Code (Kemler):	33
EMS Number:	F-E, S-D
Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable



14. TRANSPORT INFORMATION (cont.)

Transport/Additional information:	
ADR/ADN	
Limited quantities (LQ):	5L
Excepted quantities (EQ):	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
Transport category:	3
Tunnel restriction code:	D/E
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code E1 Maximum net quantity per inner packaging: 30ml Maximum net quantity per outer packaging: 1000 ml
Remarks:	Under certain conditions substances in Class 3 (flammable liquids) can be classified in packing group III. See IMDG, Part 2, Chapter 2.3, Paragraph 2.3.2.2
UN "Model Regulation":	UN1133, ADHESIVES, 3, III

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture	
Directive 2012/18/EU	
Named dangerous substances - ANNEX I	None of the ingredients is listed.
Seveso category	P5c FLAMMABLE LIQUIDS
Qualifying quantity (tonnes) for the application of lower-tier requirements	5,000 t
Qualifying quantity (tonnes) for the application of upper-tier requirements	50,000 t
REGULATION (EC) No 1907/2006 ANNEX XVII	
Conditions of restriction:	3
Chemical safety assessment:	A Chemical safety Assessment has not been carried out.



16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

H225 Highly flammable liquid in vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Abbreviations and acronyms:

Flam. Liq. 2: Flammable liquids – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material 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, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.