

Material Safety Data Sheet for *Wellseal Jointing Compound*

SECTION 1: IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

Product/Material: Jointing Compound
Product Description: Blend of petroleum oil in chlorinated solvent
Trade Name: Wellseal
Name of Contact: K.J.Earles
Manufacturer: Stag Ltd.
Address: Riverside Way, Uxbridge, Middlesex. UB8 2YF
Emergency Telephone No. (UK) 01895 465600

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

(A) Substances classified under CHIP (Symbol letters and Risk Phrases) (i) Perchloroethylene (204-825-9) <50% Harmful Xn R40 N R51/53
(ii) Isopropanol (200-661-7) <2% Highly flammable F R11
(B) Non-classified substances ---

SECTION 3: HAZARDS IDENTIFICATION / ADVERSE HUMAN HEALTH EFFECTS

(i) Inhalation Dizziness may occur at 200 ppm; higher levels may cause nasal irritation, nausea, uncoordination and even unconsciousness
(ii) Skin Contact Prolonged or repeated exposure may cause irritation, defatting of the skin and dermatitis
(iii) Eye Contact May cause slight transient irritation and pain
(iv) Ingestion Will produce nausea and abdominal pain
(v) Delayed effects after Exposure Excessive exposure may cause liver and/or kidney effects

SECTION 4: FIRST AID MEASURES

(i) Inhalation Remove from contaminated atmosphere and seek medical attention
(ii) Skin Contact Remove contamination and wash area with soap and water
(iii) Eye Contact Flush with copious amounts of water. Seek medical attention
(iv) Ingestion Do not induce vomiting. Seek medical attention.

SECTION 5: FIRE & EXPLOSION HAZARD DATA

Flash Point (°C) N/A
Flammable Limits (% by volume) N/A
Autoignition Temperature N/A
Suitable Extinguishing Media Dry chemical, carbon dioxide or foam
Extinguishing media that must not be used Water
Decomposition /Combustion products Phosgene, hydrogen chloride, carbon monoxide, carbon dioxide and pyrolysed hydrocarbons
Special fire fighting procedures Do not breathe smoke. Personnel downwind must be evacuated. Do not discharge extinguishing media into rivers streams or lakes.
Special Protective Fire Fighting equipment Full-face, positive pressure, self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES / SPILLS AND LEAKS

Personal Precautions	Chemical goggles, protective gloves, avoid vapour.
Environmental Precautions	Do not allow to enter watercourses
Cleaning up method	Absorb onto inert material, e.g. sand, and treat as solid hazardous waste

SECTION 7: HANDLING & STORAGE

Precautions for Safe Handling	Avoid vapour and contact with skin and eyes
Conditions for safe Storage	Store in dry conditions away from boilers and hot pipes. Store temperature 10°C - 25 °C in dry conditions. Keep containers tightly closed.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Standard 8 hour TWA (EH40)	345 mg/m ³ (50 ppm) for perchloroethylene
Occupational Exposure Standard 15 min Ref. (EH40)	689 mg/m ³ (100 ppm) for perchloroethylene
Precautionary Engineering Measures	In high concentration conditions, local exhaust ventilation
Respiratory Protection	If concentration likely to exceed OES, suitable organic vapour mask
Hand Protection	Impervious gloves
Eye Protection	Goggles
Skin Protection	Protective overalls

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance	Brown mobile liquid
Odour	Ethereal odour
pH	N/A
Boiling point/Boiling range (°C)	N/A
Melting point/Melting range (°C)	N/A
Flash point (°C)/Method used	N/A
Flammability limits	N/A
Autoflammability	N/A
Explosive properties	N/A
Oxidising properties	N/A
Vapour pressure (mm Hg) (20 °C)	14.2
Relative density (H ₂ O = 1)	1.16
Water solubility (% by weight)	Immiscible
Vapour density (air = 1)	Not established
Conductivity	N/A
Viscosity	2,500
Percentage volatile by volume (%)	50%
Evaporation rate (butyl acetate = 1)	Not established

SECTION 10: STABILITY & REACTIVITY

Stability / Conditions to avoid	Stable under normal temperatures and conditions
Incompatibility/Materials to avoid	Strong acids and oxidising materials. Avoid open flames and welding arcs
Hazardous decomposition Products	In the presence of heat and or surfaces may form toxic Products including hydrogen chloride and phosgene
Hazardous Polymerisation	None expected

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous Ingredients	Perchloroethylene (tetrachloroethylene) See Section 2
Immediate Health Effects	See Section 3
Delayed Health Effects	Excessive exposure may cause liver and/or kidney effects. See Section 3
Acute Effects (short term)	See Section 3
Chronic Effects (long term)	See Section 3

SECTION 12: ECOLOGICAL INFORMATION

Environmentally dangerous ingredients	Perchloroethylene
Mobility	Mobile liquid
Persistence and Degradability	Readily eliminated by biological degradation
Bioaccumulative potential	None expected
Aquatic toxicity	Not established
Marine pollutant (IMDG code)	Yes

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal of waste materials	Consult local authority. Use licensed waste disposal contractor.
Disposal of waste containers	Consult local authority. Use licensed waste disposal contractor.
Disposal Restrictions	Governed by Control of Pollution Act 1974. Consult Authority
Local	
Statutory Notification required	Yes

SECTION 14: TRANSPORT / LABEL INFORMATION

Transport Name:	Toxic liquid, organic N.O.S.
UN Number	2810
UN Packaging group	III
IMDG classification	6.1
Special precautions Re carriage	See introduction IMDG, class 6.1
Transport Symbol	T

SECTION 15: REGULATORY INFORMATION

Supply Classification:	Harmful Xn Contains perchloroethylene
Risk Phrases:	R 40 possible risks of irreversible effects
Safety Phrases:	S23 do not breathe vapour S36/37 wear suitable protective clothing and gloves

SECTION 16: ANY OTHER HEALTH & SAFETY INFORMATION

Training	---
Recommended uses and restrictions	See below
Source of key information used to compile SDS, CHIP regulations 1999. EH 40	

Note: The information contained in this Safety Data Sheet does not constitute the users own assessment of workplace risk as required by other Health & Safety legislation (e.g. the Health & Safety at Work Act of 1974; the Control of Substances Hazardous to Health Regulations 1988). The data given here is based on current knowledge and experience. The purpose of this data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

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Trade Name or Product/Material: Wellseal