

CODE Z

Product Safety Data Sheet

1. Identification of the preparations and company.

Product details: Neoprene Contact Adhesive

Trade names: ARDEX AF 650 Contact Adhesive

Manufacturer: ARDEX UK Limited Telephone: +44 (0)1440 714939
Homefield Road Facsimile: +44 (0)1440 716660
Haverhill Health and Safety contact: Mr C Potter
Suffolk
CB9 8QP
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2. Composition/information on ingredients.

Dangerous Component	CAS No.	EINECS Nr.	Classification	Content
Butanone	78-93-3	201-159-0	F;R11 Xi;R36 R66 R67	10-30%
Paratertiarybutylphenol	98-54-4		Xn;R22. Xi;R36/37/38	5-10%
Petroleum Spirit			Xn;R65. Xi;R38. F;R11. N;R51/53. R67	10-30%
Toluene	108-88-3	203-625-9	F;R11 Xn;R20	10-30%

The full text for all R-phrases are displayed in section 16.

3. Hazards identification.

Hazard designation: Xn;R20. Xi;R36/38. F;R11. R52/53

Hazard to man and the environment:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Irritating to eyes and skin. Highly flammable. Harmful by inhalation.

Classification system: The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

4. First aid measures.

Note: Keep affected person away from heat, sparks and flames!

After inhalation: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

After skin contact: Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

After eye contact: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if irritation persists.



After swallowing: DO NOT INDUCE VOMITING! Remove victim immediately from source of exposure. Provide rest, warmth and fresh air. Get medical attention.

Information for doctor: No particular measures are known - treat according to symptoms.

5. Fire-fighting measures.

Suitable extinguishing agents: Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc. DO NOT USE WATER.

Special fire fighting procedures: Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control..

Specific Hazards: Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO). Hydrogen chloride (HCl).

6. Accidental release measures.

Personal safety precautions: Ensure adequate ventilation. Wear protective clothing.

Measures for environmental protection: Prevent material from reaching sewage system, holes and cellars.

Spill clean up measures: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean-up personnel should use respiratory and/or liquid contact protection. Absorb in vermiculite, dry sand or earth and place into containers. Do not contaminate water sources or sewer.

Additional information: Clean the accident area carefully.

7. Handling and Storage.

Usage precautions: Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

Storage:

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well ventilated place. Keep in original container.

Storage class:

Flammable liquid storage.

8. Exposure controls/personal protection.

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	LT - mg/m3
Toluene	OES	50 ppm(Sk)	191 mg/m3(Sk)	150 ppm(Sk)	574 mg/m3(Sk)
Butanone	OES	200 ppm(Sk)	600 mg/m3(Sk)	300 ppm(Sk)	899 mg/m3(Sk)
Petroleum Spirit	OES	500 ppm			

Ingredient comments: OES = Occupational Exposure Standard.

Engineering measures: Provide adequate general and local exhaust ventilation. Maintain efficient ventilation/extraction using flameproof equipment where necessary.

Breathing equipment: Respiratory protection must be used if air contamination exceeds acceptable level.



Protection of hands: Use protective gloves.

Eye protection: Use approved safety goggles or face shield.

Hygiene measures: DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9. Physical and chemical properties.

Form: Liquid.

Colour: Amber.

Smell: Pungent Organic solvents.

Boiling point/Boiling range: 110°C.

Viscosity: 4,100 - 4,600 cps @ 20°C.

Relative Density: 0.85 - 0.88 @ 20°C.

Flash point (°C): Below 0 CC (Closed Cup).

Flammability limit - Lower (%): 0.9

Flammability limit - Upper (%): 11.5

10. Stability and reactivity.

Stability: Stable under normal temperature conditions.

Conditions to avoid: Avoid heat, flames and other sources of ignition.

Hazardous decomposition products: Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. Toxicological information.

Inhalation: Harmful by inhalation.

Ingestion: May cause stomach pain or vomiting..

Skin contact: Acts as a defatting agent on skin. May cause cracking of skin and eczema.

Eye contact: Particles in the eyes may cause irritation and smarting.

Route of entry: Inhalation. Skin absorption.

Medical symptoms: High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

12. Ecological information.

Ecotoxic effects: Dangerous for the environment if discharged into watercourses.

Water hazard classification: Harmful to aquatic organisms, may cause long term adverse effects in the aquatic environment.

General notes: Water hazard class 2 (self-assessment): Hazardous for water.

Do not allow product to reach ground water, water bodies or sewage system. Also poisonous for fish and plankton in water bodies. Toxic for aquatic organisms.

13. Disposal considerations.

Dispose of waste and residues in accordance with local authority requirements.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.



14. Transport information.

UK Road Class:	3	RID pack group:	III
Proper shipping name:	Adhesives	IMDG class:	3
UN No. Road:	1133	IMDG pack group:	III
ADR Class No.:	3	MFAG:	See Guide.
ADR pack group:	III	UN No. Air:	1133
ADR Label No.:	3	Air pack group:	III
CEFIC TEC(R) No.:	30GF1-III,30GF1-sp.	UN No. Sea:	1133
UK Road pack group:	III	IMDG page No.:	3
ADR Class:	Class 3: Flammable liquids.	EMS:	F-E, S-D
Hazard No. (ADR):	30	Marine pollutant:	No.
Hazchem code:	3Y	ICAO class:	3
RID class No.:	3		

15. Regulatory information.

Designation according to EC guidelines: The product has been classified and labelled in accordance with EC Directives/Ordinance on Hazardous Materials.

Risk phrases:	R52/53 R11 R20 R36/38	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Highly flammable. Harmful by inhalation. Irritating to eyes and skin.
Safety phrases:	S9 S16 S24/25 S26 S37 S51 S60	Keep container in a well ventilated place. Keep away from sources of ignition - No smoking. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves. Use only in well ventilated areas. This material and its container must be disposed of as hazardous waste.

Statutory instruments: Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

Approved Code of Practice: Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance notes: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

Revision dated
APRIL 2005HIGH PERFORMANCE
TILING AND FLOORING PRODUCTS**16. Other information.**

Use only for the purposes intended. This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirement. It should not be construed as guaranteeing specific properties.

Revision date: April 2005**Revision comment:** Issue 1**Relevant R-phrases:**

- R11 Highly flammable.
- R20 Harmful by inhalation.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R36/37/38 Irritating to eyes, respiratory system and skin.
- R38 Irritating to skin.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.