

Spreadable Contact Adhesive Safety Data Sheet 2008

According to 91/155/EEC

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

- Product Name: Spreadable contact Adhesive
- Supplier: Cadre Components Ltd
Unit B, Raspberry Court
Marlborough Way
Haydock, St Helens
Merseyside
WA11 9FT

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	EC No	CAS. No	CONTENTS %	CLASSIFICATION
ETHYL ACETATE	205-500-4	141-78-6	10-30	F;R11 Xi;R36 R66 R67
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			10-30	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
HEXANE-norm	203-777-6	110-54-3	10-30	F;R11 Repr3;R6 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
TOLUENE	203-625-9	108-88-3	30-60%	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67
- The Full Text for all R-Phrases are Displayed in Section 16				

3. HAZARDS IDENTIFICATION

- Highly flammable. Vapours may cause drowsiness and dizziness. Harmful: may cause lung damage if swallowed. Irritating to skin. Possible risk of impaired fertility. Possible risk of harm to the unborn child. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. CLASSIFICATION Xn;R48/20, R65. Rep 3;R62, R63. Xi;R38. F;R11. N;R51/53. R67.

4. FIRST AID MEASURES

- General Information: Instantly remove any clothing soiled by the product
- Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions. DO NOT induce vomiting. Get medical attention immediately.
- Ingestion: Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues
- Skin Contact: Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Consult a physician for specific advice
- Eye contact: Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Consult a physician for specific advice

5. FIRE-FIGHTING MEASURES

- Extinguishing Media: Water spray, foam, dry powder or carbon dioxide.
- Special Fire Fighting Procedures: Avoid breathing fire vapours..
- Unusual Fire & Explosion Hazards: Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains..
- Specific Hazard: In case of fire, toxic gases may be formed. Carbon monoxide (CO). Hydrogen chloride (HCl).
- Protective Measures in Fire: Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions: Wear protective clothing as described in Section 8 of this safety data sheet. Do not smoke, use naked flames or other sources of ignition. Provide adequate ventilation.
- Environmental Precautions: Do not discharge into drains, water courses or onto the ground
- Spill Clean Up Methods: Do not use equipment in clean up procedure which may produce sparks. Absorb in vermiculite, dry sand or earth and place into containers.

7. HANDLING AND STORAGE

- Usage Precautions Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Provide good ventilation.
- Storage Precautions Store in tightly closed original container in a dry and cool place. Store in a cool and well-ventilated place. Keep away from heat, sparks and open flame.
- Storage Class Store in cool location in well sealed containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Ingredient	Std	LT – ppm	LT - mg/m3	ST – ppm	ST - mg/m3
- ETHYL ACETATE	WEL	200ppm		400 ppm	
- HEXANE-norm	WEL	20ppm	72 mg/m3		
- TOLUENE	WEL	50 ppm(Sk)	191 mg/m3(Sk)	100 ppm(Sk)	384 mg/m3(Sk)

- Protective Equipment
- Hand Protection Protective gloves must be used if there is a risk of direct contact or splash. Rubber gloves are recommended. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
- Eye Protection Wear approved, tight fitting safety glasses where splashing is probable.
- Other Protection Wear appropriate clothing to prevent any possibility of skin contact.
- Hygiene Measures When using do not eat, drink or smoke. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance Clear, yellowish liquid
- Colour Yellowish
- Odour Characteristic
- Solubility Insoluble in water
- Boiling Point (°C) 64
- Relative Density 0.86
- Flash Point (°C) -20
- Auto Ignition 240
- Flammability Limit Lower (%) 1.2
- Flammability Limit Upper (%) 11.5

10. STABILITY AND REACTIVITY

- Stability Stable under normal temperature conditions and recommended use.
- Conditions To Avoid Avoid heat, flames and other sources of ignition.
- Hazardous Decomposition Products None under normal conditions

11. TOXICOLOGICAL INFORMATION

- Name TOLUENE
- Toxic Dose 1 - LD 50 6900 mg/kg (oral rat)
- Toxic Dose 2 - LD 50 2 mg/kg (oral-mouse)
- Toxicological information This material is very toxic.
- Other Health Effects Possible Risk of impaired male and female fertility.

12. ECOLOGICAL INFORMATION

- ECOTOXICITY The product contains a substance which is harmful to aquatic organisms.
- ACUTE FISH TOXICITY Very toxic to aquatic organisms.
- WATER HAZARD CLASSIFICATION WGK 2




13. DISPOSAL CONSIDERATIONS

- GENERAL INFORMATION Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.
- DISPOSAL METHODS Arrange disposal with a licensed waste disposal company.

14. TRANSPORT INFORMATION

- UK ROAD		CLASS 3	
- PROPER SHIPPING NAME		1133 Adhesives , special provision 640H	
- AIR TRANSPORT NOTES		Suitable UN approved container necessary	
UN NO. ROAD	1133	UK ROAD PACK GR.	111
ADR CLASS NO.	3.3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	111	HAZARD No	33 Highly flammable liquid (flash-point below 23°C).
UN NO. SEA	1133	IMDG CLASS	3
IMDG PACK GR.	111	EMS	F-E, S-D
MARINE POLLUTANT	No.	UN NO. AIR	1133
AIR CLASS	3	AIR PACK GR.	111

15. REGULATORY INFORMATION

- LABELLING			
- CONTAINS	Harmful Extremely Flammable Dangerous for the Environment HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6)) HEXANE-norm TOLUENE		
- RISK PHRASES	R11 Highly flammable. R38 Irritating to skin. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R62 Possible risk of impaired fertility. R63 Possible risk of harm to the unborn child. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness. R65 Harmful: may cause lung damage if swallowed.		
- SAFETY PHRASES	S9 Keep container in a well-ventilated place. S16 Keep away from sources of ignition - No smoking. S24 Avoid contact with skin. S51 Use only in well-ventilated areas. S36/37 Wear suitable protective clothing and gloves. S57 Use appropriate containment to avoid environmental contamination. S60 This material and its container must be disposed of as hazardous waste. S61 Avoid release to the environment. Refer to special instructions/safety data sheets. S62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.		
- GUIDANCE NOTES	Contains Rosin. May produce an allergic reaction.		

16. OTHER INFORMATION

- R11 Highly flammable.
- R36 Irritating to eyes.
- R38 Irritating to skin.
- R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R62 Possible risk of impaired fertility.
- R63 Possible risk of harm to the unborn child.
- R65 Harmful: may cause lung damage if swallowed.
- R66 Repeated exposure may cause skin dryness or cracking.
- R67 Vapours may cause drowsiness and dizziness.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials 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, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. , This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials 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, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.