

COSHH Sheet



WILOTEKT RUBBERISED COMPOUND

1. PRODUCT IDENTIFICATION AND MANUFACTURER	
1.1 Product identification	WILOTEKT RUBBERISED COMPOUND (WILOTEKT ELASTOMERBITUMEN)
1.2 Usage	Joint filler, waterproofing
1.3 Company identification	COLAS GmbH A – 8101 Gratkorn Flurgasse 9 Austria
1.4 Emergency number:	00 43 31 24 222 230
2. COMPOSITION	
2.1 Name of preparation	WILOTEKT RUBBERISED COMPOUND (WILOTEKT ELASTOMERBITUMEN)
2.2 Chemical nature	Bitumen is a complex hydrocarbon produced by the distillation of oil. WILOTEKT RUBBERISED COMPOUND is a mix comprising paraffin, naphtha and aromatics. It can contain derivates of sulphur and organic acids.
2.3 Dangerous substances	None known under normal usage
2.4 Concentration	None
2.5 Classification and labelling of danger, impurities	None
3 IDENTIFICATION OF DANGER	
3.1 Principle danger	Burning, projectile, explosions, inhalation of vapours as a result of heating to high temperature at which point the bitumen becomes liquid. Storage must be away from heat sources.
3.2 Environmental	Not known to be harmful to the environment during normal usage
4 IMMEDIATE ASSISTANCE	
4.1 General advice	In all cases of burning or vapour inhalation of fumes, immediately call the emergency services, fire, ambulance, ..
4.2 Inhalation	If a high concentration of vapours has occurred then remove the individual to the open air, keep warm and quiet.
4.3 Contact with skin	Immediately cool with cold water for at least 20 minutes, do not attempt to remove any hot bitumen from the skin, at the same time remove any soiled clothing so long as it is not adhering to the skin. If there is a tourniquet effect caused by the bitumen shrinking carefully cut the bitumen. At no time should any attempt be made to remove bitumen from the skin. Send the patient to a specialised hospital.
4.4 Contact with eyes	In case of a projection of hot bitumen, cool immediately and rapidly with much cold water for at least 20 minutes, open the eyelids and transport the patient as soon as possible to a specialised hospital.
5 PRECAUTION AGAINST FIRE	
5.1 Extinguishment	Foam, CO ₂ , Powder, sand, water spray
5.2	Do not use water jet
5.3 Precautions	Respiratory equipment should, be used; a fire causes black smoke and decomposition of the material could pose a risk

	to health
5.4 Personal protection equipment	Individual personal respiratory protection is obligatory especially if the fire is in a confined space.
6 MEASURES TO TAKE IN CASE OF ACCIDENTAL SPILLAGE	
6.1 INDIVIDUAL PRECAUTIONS	As a function of the risk of the exposure, face mask and neck protection, gloves with a boiler suit or similar made of waterproof and flameproof materials.
6.2 Precautions to protect the environment	Remove if possible solid material
6.3 Cleaning method	Contain the material, leave it to cool, if necessary cover surfaces with sand. Take to a controlled tip.
7 HANDLING AND STORAGE	
7.1 Handling	
Precautions	Never heat in a boiler or similar if the elements are exposed (minimum depth of compound is 15 cm) Do not heat valves or pumps with a naked flame without thoroughly examining the risks and taking the necessary precautions.
7.2 Storage	
Precautions	The temperature of storage is adapted to the quality for the bitumen and should never exceed 230°C
8 EXPOSURE CONTROL / INDIVIDUAL PROTECTION	
8.1 Exposure limit	None
8.2 Exposure control	
<ul style="list-style-type: none"> ▪ Hand protection ▪ Eye protection 	<p>Always wear gloves when handling the bitumen</p> <p>Wear eye protections when handling hot bitumen</p>
9 PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Aspect	
<ul style="list-style-type: none"> ▪ Physical ▪ Odour 	<ul style="list-style-type: none"> ▪ At 20°C the product is solid and black colour ▪ Above 150°C the product is liquid
9.2 Important information for health, safety and the environment	
<ul style="list-style-type: none"> ▪ Boiling point ▪ Flash point ▪ Spontaneous combustion ▪ Vapour pressure ▪ Mass volumetric ▪ Solubility in water ▪ Solubility with solvents 	<ul style="list-style-type: none"> ▪ > 250°C ▪ > 250°C ▪ > 350°C ▪ Negligible at 20°C ▪ About 0.990 to 1.111 at 25°C ▪ About 0.850 to 1.000 at 200°C ▪ Non miscible ▪ Soluble in halogen and hydrocarbon solvents
10 STABILITY AND REACTIVITY	
10.1 Stability	Stable in normal conditions of stocking and use
10.2 Dangerous decomposition	Monoxides and dioxides of carbon, fumes and dioxide of sulphur
11 Toxicology information	
11.1 General information	
11.2 Toxicity	
<ul style="list-style-type: none"> ▪ Inhalation ▪ Contact with skin ▪ Long term chronic toxicity 	<p>Vapours or fumes can only be inhaled as a result of heating the bitumen. There has been no increase in the frequency of bronchial cancers in workers exposed to bitumen products. However it is advised that fumes or vapours emitted from hot bitumen are not inhaled.</p> <p>No long-term effects have been reported from skin contact with bitumen.</p> <p>From studies available today there is no risk of cancer to humans from bitumen or from bitumen fumes.</p>
12 ECOLOGICAL INFORMATION	
12.1 General information	
12.2 Mobility	The product does not flow on the ground, is insoluble and

	the bitumen floats and will sink depending upon the density of the liquid.
12.3 persistence and degradability	The product is intrinsically biodegradable but the degradation is slow
12.4 Ecotoxicity	Considered not dangerous to plants nor aquatic organisms
13 DISPOSAL CONSIDERATIONS	
13.1 Waste, products not used	Classified as an inert product
14 TRANSPORT INFORMATION	
General information	
14.2 UN number	N/A
14.3 Road, rail transport	No special precautions necessary
14.4 IMDG (Sea) <ul style="list-style-type: none"> ▪ IMO class ▪ Exact name ▪ Packaging group 	N/A
14.5 OACI/IATA (air)	N/A
15 REGULATION INFORMATION	
15.1 Labelling	None required
15.2 No. CE	N/A
15.3 contents	N/A
15.4 Symbol	N/A
15.5 Phrase R	N/A
15.6 Phrase S	N/A
16 OTHER INFORMATION	
Legislation	This sheet conforms to European Directive n° 93/112/EEC of 10 December 1993 and French standard T 01-1002 November 1994
Caution	The information given in this document is accurate to the best of our knowledge at the time of issue so long as the material is used appropriately. No responsibility either actual or implied will be accepted
Use of product	Waterproofing
Restriction	This information is specifically given to the described product and not when used in combination with other materials
History <ul style="list-style-type: none"> ▪ Date of first printing ▪ Version ▪ Prepared by 	11/11/05 1 J Medlock

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