


**SAFETY DATA SHEET
VERNIS ANTAC ST**

91/155/EC (3 APT) - ISO 11014-1

	
1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
1.1 Product name:	VERNIS ANTAC ST
1.2 Uses or/and applications:	Bituminous varnish
1.3 Supplier:	AXTER 8, avenue Félix d'Herelle F 75016 PARIS France Tel: 01 46 09 39 60
1.4 Emergency phone number :	FR - INRS Tél: 01.45.42.59.59 UK - National Poisons Information Service Phone: 44 / 191 22 5131 B - Centre Antipoisons Tél: +32 (0) 270 245 245
2. COMPOSITION / INFORMATION ON INGREDIENTS	
2.1 Description of the preparation:	Homogeneous solution of bitumen and oil solvents.
2.2 Component(s) contributing to the hazard:	<ul style="list-style-type: none"> • toluene - Id No: 601-021-00-3 - CAS no: 108-88-3 - EC no: 203-625-9 Conc. wt.(%): 10 < C ≤ 15 - Classification: •F; R 11•Repr. Cat. 3; R 63•Xn; R 48/20-65•Xi; R 38•R 67• • xylene - Id No: 601-022-00-9 - CAS no: 1330-20-7 - EC no: 215-535-7 Conc. wt.(%): 30 < C ≤ 40 - Classification: • R 10 • Xn; R 20/21 • Xi; R 38 •
3. HAZARDS IDENTIFICATION	
3.1 Most important hazards:	Highly flammable. Harmful by inhalation and in contact with skin. Irritating to skin.
3.2 Specific hazards:	Repeated and prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product. Affect many plastics.
4. FIRST AID MEASURES	
4.1 General advice:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. For symptom description, see item 11.
4.2 Inhalation :	Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice. - Artificial respiration and/or oxygen if necessary.
4.3 Skin contact:	Take off immediately all contaminated clothing. - Wash off with soap and plenty of water. - If skin irritation persists, take medical advice.
4.4 Eye contact:	Rinse immediately with plenty of water, also under eyelids.
4.5 Ingestion :	Do not induce vomiting. - Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.
5. FIRE-FIGHTING MEASURES	
5.1 Suitable extinguishing media:	dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂), water spray, sand, earth.
5.2 Extinguishing media which must NOT be used for safety reasons:	Do not use water jet.
5.3 Specific method(s):	Cool containers / tanks with spray water if possible. Do not allow run-off from fire fighting to enter drains or water courses.
5.4 Specific fire hazard(s):	Explosion risks of vapours. Vapours are heavier than air and spread above ground. In case of fire, product decomposes in: carbon oxides (CO and CO ₂) and smokes. Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.
5.5 Special protective equipment for fire-fighters:	Use a self-contained breathing apparatus and also a protective suit.
6. ACCIDENTAL RELEASE MEASURES	
6.1 Personal precaution(s):	Evacuate personnel to a safe area. Remove all sources of ignition. Be careful to flashback of fire. Ensure adequate ventilation. Avoid contact with skin, eyes, or clothing. Concerning personal protective equipment to use, see item 8.
6.2 Environmental precaution(s):	Stop leak without risks if possible. Dike and contain spill. Do not allow surface water to enter drains and sewers as this will create a potential explosive hazard. If this occurs inform local authorities immediately. Concerning disposal elimination after cleaning, see item 13.

6.3	Method(s) for cleaning up:	Scoop or vacuum spilled material rapidly in a suitable container with an explosion proof or hand pump. Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). Shovel into suitable and closed container for disposal. Dispose as hazardous waste.
7. HANDLING AND STORAGE		
7.1	Handling	
	<ul style="list-style-type: none"> ▪ Precaution(s): ▪ Technical condition(s): ▪ Safe handling advice(s): 	<p>Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Avoid all eyes and skin contact and do not breathe vapour and mist. Do not eat, drink and do not smoke in areas where product is used. Shower, eyes shower and water point in proximity. Wear personal protective equipment (see item 8). Explosion-free electrical equipment and lighting with earth. Do not use compressed air to fill, handle or work up. Avoid static electricity discharges. Ventilation along floor.</p> <p>Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non- sparking tools should be used. Opened containers must be carefully closed and kept upright to avoid leakage.</p>
7.2	Storage	
	<ul style="list-style-type: none"> ▪ Precaution(s): ▪ Technical condition(s): ▪ Storage condition(s): ▪ Separation of incompatible product(s): ▪ Packaging / tank material: ▪ Unsuitable packaging materials: 	<p>Store in a place accessible by authorised persons only. Not flammable and waterproof underground retention basin. Keep away from sources of ignition - No smoking. Store away from direct sunlight or other heat sources. Store in a well-ventilated place. Keep away from: strong acids, strong bases and oxidising compounds. Stainless steel, mild steel. Avoid certain plastics which are soluble in product. - rubbers - aluminium</p>
8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
8.1	Engineering measure(s):	Ensure adequate ventilation, especially in confined areas. Ensure adequate ventilation, especially in confined areas.
8.2	Control parameter(s): <ul style="list-style-type: none"> ▪ Exposure limit(s): 	<ul style="list-style-type: none"> • toluene: VME ppm = 50 - VME mg = 188 • xylene : VME ppm = 50 - VME mg = 221 - VLE ppm = 100 - VLE mg = 442
8.3	Personal protection equipment: <ul style="list-style-type: none"> ▪ Respiratory protection: ▪ Hand protection: ▪ Skin and body protection: ▪ Eye protection: ▪ Hygiene measure(s): 	<p>In case of insufficient ventilation wear suitable respiratory equipment. (breathing apparatus with filter A) Nitrile rubber gloves solvent-resistant apron and boots safety glasses or face shield Do not eat, drink, or smoke during work. Keep away from food, drink and animal feed.</p>
9. PHYSICAL AND CHEMICAL PROPERTIES		
9.1	General information : <ul style="list-style-type: none"> ▪ Physical state / form: ▪ Colour: ▪ Odour: 	<p>viscous liquid Black hydrocarbon-like</p>
9.2	Important health, safety and environmental information <ul style="list-style-type: none"> ▪ PH : ▪ Boiling point/range: ▪ Flash point: ▪ Explosion limits: ▪ Relative density (water = 1): ▪ Water solubility: ▪ Fat solubility: ▪ Solvent solubility: 	<p>Not applicable Not determined 10°C Not determined. 0,96 kg/l (20°C) insoluble partly soluble soluble in most organic solvents</p>
10. STABILITY AND REACTIVITY		
10.1	Stability:	Stable in use and storage conditions as recommended in item 7.
10.2	Condition(s) to avoid:	NO contact with hot surfaces
10.3	Material(s) to avoid:	Avoid certain plastics which are soluble in product. Reacts violently with: strong acids, strong bases, oxidising compounds, aldehydes.
10.4	Hazardous decomposition products:	Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.
11. TOXICOLOGICAL INFORMATION		

11.1	General information(s):	There is no data available on the product itself. Periodical medical test is recommended in function of exposition measure.	
11.2	Acute toxicity	Irritating to the respiratory system, may cause throat pain and cough. Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, breathing arrest. Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis. Splashes in the eyes may cause irritation and reversible local damage. May cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Susceptible to induce: oedema of the lungs, heavy breathing difficulty, dizziness May cause sensitisation by inhalation. Use of alcoholic beverages may enhance toxic effects.	
	▪ Inhalation:		
	▪ Skin contact:		
	▪ Eyes contact:		
	▪ Ingestion:		
	▪ Sensitisation:		
	▪ Specific effect(s):		
12. ECOLOGICAL INFORMATION			
12.1	General information(s):	There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.	
12.2	Persistence and degradability:	Product is practically not biodegradable.	
12.3	Environmental toxicity:	weak Other adverse effects	
13. DISPOSAL CONSIDERATIONS			
13.1	Waste / unused products:	Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not dispose of waste into sewer. Destruction by incineration / pyrolyse	
13.2	Contaminated packaging:	Do not burn, or use a cutting torch on the empty drum.	
13.3	Local / national disposal regulation(s):		
13.4	Waste to eliminate according to chemical waste law:	France: 08 01 11* déchets de peintures et vernis contenant des solvants organiques	
13.5	Further Information(s):		
14. TRANSPORT INFORMATION			
14.1	General information(s):	Transport followed ADR, IMDG, IATA	
14.2	UN N°	1263	
14.3	Land (Road / Railway: ADR/RID) :	PEINTURES - ((y compris peintures, laques, émaux, couleurs, shellac, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques) (pression de vapeur à 50 °C inférieure ou égale à 110 kPa))	
	▪ Proper shipping name:		
	▪ Class:		3
	▪ Packing group:		III
	▪ TREM-CARD code:		3 – 33
	▪ ADR/RID-Labels:		3
	▪ Code danger:		33
	▪ Classification code:		F1 163 640D
	▪ Packing instructions:		P001 IBC02 R001 -/- PP1
	▪ Further information:		
14.4	Sea (IMDG) :	PEINTURES (y compris peintures, laques, émaux, couleurs, shellac en solution, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques) - PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish)	
	▪ Proper shipping name:		
	▪ Class:		3
	▪ Packaging group:		III
	▪ Marine pollutant:		Not
	▪ EmS number:		F-E, S-E
	▪ IMDG-Label(s):		3
	▪ Packing instructions:	P001	
14.5	Air (ICAO/IATA) :	PEINTURES (peintures, laques, émaux, couleurs, shellac, vernis, cirages, encaustiques, enduits d'apprêt et bases liquides pour laques)	
	▪ Proper shipping name:		
	▪ ICAO/IATA class:		3
	▪ Packing group:		III
	▪ ICAO/IATA-Labels:		3
	▪ Important remarks:	Passenger and cargo aircraft	
15. REGULATORY INFORMATION			
15.1	Labelling:	According to european directives on classification, packaging and labelling of dangerous substances	
15.2	EC number:	Not applicable	

15.3	Contains:	<ul style="list-style-type: none"> • toluene • xylene
15.4	Symbol(s):	F - Highly flammable ; Xn - Harmful
15.5	R-phrase(s):	11 Highly flammable. 20/21 Harmful by inhalation and in contact with skin. 38 Irritating to skin. 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. 63 Possible risk of harm to the unborn child. 67 Vapours may cause drowsiness and dizziness
15.6	S-phrase(s):	9 Keep container in a well ventilated place. 16 Keep away from sources of ignition - No smoking. 24/25 Avoid contact with skin and eyes. 29 Do not empty into drains. 33 Take precautionary measures against static discharges. 36/37 Wear suitable protective clothing and gloves. 43 In case of fire, use a powder or foam type fire extinguisher, not to use water. 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
15.7	Important remarks:	Tableau des maladies professionnelles (F) .
16. OTHER INFORMATION		
16.1	According legislation(s):	Information in this safety data sheet is in compliance with national laws and CE directives. Item nr 2 : R-phrase(s) R11 Highly flammable. R38 Irritating to skin. R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation. R63 Possible risk of harm to the unborn child. R65 Harmful: may cause lung damage if swallowed. R67 Vapours may cause drowsiness and dizziness R10 Flammable. R20/21 Harmful by inhalation and in contact with skin.
16.2	Important remarks:	Information in this safety data sheet is based on actual knowledge in our possession and our experience. It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users. No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.
16.3	Uses or/and applications:	Bituminous varnish
16.4	Restrictions:	This information relates to the specific material designated and may not be valid in combination with other product(s).
16.5	History :	
	<ul style="list-style-type: none"> ▪ First edition date: ▪ Version : ▪ Written by: 	09/12/05 1 P. GAUVIN