

# PRODUCT SAFETY DATA SHEET

## TEFCOTE 4000HRX HARDENER



<b>1 IDENTIFICATION OF PRODUCT &amp; COMPANY</b>																
<i>PRODUCT NAME</i> - TEFCOTE 4000 CURING AGENT Epoxide Resin. <i>INTENDED USE</i> - Hardener for Tefcote 4000. <i>SUPPLIER</i> - Tefcote Surface Systems, Central House, 4 Christchurch Road, Bournemouth, Dorset, BH1 3LT <i>Emergency Tele</i> - 01202 551212																
<b>2 COMPOSITION/INFORMATION OF INGREDIENTS</b>																
A water reducible polyamide hardener.																
<b>3 HAZARDS IDENTIFICATION</b>																
May cause sensitisation by skin contact - Irritating to eyes and skin.																
<b>4 FIRST AID MEASURES</b>																
<i>GENERAL</i> - In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person. <i>INHALATION</i> - Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice. <i>EYE CONTACT</i> - Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins. Holding the eyelids apart, seek medical advice. <i>SKIN CONTACT</i> - Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners. <i>INGESTION</i> - If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.																
<b>5 FIRE FIGHTING MEASURES</b>																
<i>EXTINGUISHING MEDIA</i> - Carbon dioxide, Dry Powder, Halogenated Hydrocarbons, Sand, Foam. <i>NOT TO BE USED</i> - <i>SPECIAL INSTRUCTIONS FOR FIRE FIGHTING PERSONNEL</i> - Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.																
<b>6 ACCIDENTAL RELEASE MEASURES</b>																
Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Do not allow to enter drains or water courses. If it does the local water company should be contacted immediately, in case of contamination of streams rivers or lakes the National Rivers Authority. Clean preferably with a detergent, avoid use of solvents.																
<b>7 STORAGE &amp; HANDLING</b>																
Keep container tightly closed. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. Avoid skin & eye contact. For personal protection see Sect. 8. Good housekeeping and regular removal of waste material will minimise risks.  Observe the label precautions. Store between 5 & 25°C in a dry well ventilated place away from sources of ignition and direct sunlight. No smoking. Prevent unauthorised access. Container which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials.																
<b>8 EXPOSURE CONTROLS / PERSONAL PROTECTION</b>																
<i>Engineering Measures</i> - Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and / or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn.																
<table border="1"><thead><tr><th>Substance Name</th><th>% Conc Range</th><th>Symbol</th><th>OES 8hr ppm</th><th>OES 15min ppm</th><th>Risk Phrases</th><th>Notation</th></tr></thead><tbody><tr><td>EPOXIDE RESIN</td><td>&gt;50% &amp; = &lt;100%</td><td>Xn,Xi</td><td></td><td></td><td>43-36/38</td><td>SUP OES</td></tr></tbody></table>	Substance Name	% Conc Range	Symbol	OES 8hr ppm	OES 15min ppm	Risk Phrases	Notation	EPOXIDE RESIN	>50% & = <100%	Xn,Xi			43-36/38	SUP OES		
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<b>NOTE</b> LTEL = Long Term Exposure Limit - 8 hour time weighted average STEL = Short Term Exposure Limit - 10 minute reference period. Notations = Sk - risk of absorption through skin Sen - respiratory sensitizer. OES = Occupational Exposure Limit MEL = Maximum Exposure Limit. OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.  <i>General Protection</i> - All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.  <i>Respiratory Protection</i> - Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled below OEL's and engineering methods cannot be reasonably improved.  <i>Hand Protection</i> - Full physical protection is best. Seek relevant advice from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.  <i>Eye Protection</i> - Eye protection designed to protect against liquid splashes should be worn.  <i>Skin Protection</i> - Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.																
<b>9 PHYSICAL &amp; CHEMICAL PROPERTIES</b>																
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<b>10 STABILITY &amp; REACTIVITY</b>		
Stable under the recommended storage & handling conditions (see Sect 7).		
<b>11 TOXICOLOGICAL INFORMATION</b>		
There is no data available on the product itself. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin.		
<b>12 ECOLOGICAL INFORMATION</b>		
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 may be affected		
<b>13 DISPOSAL CONSIDERATIONS</b>		
Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.		
<b>14 TRANSPORT INFORMATION</b>		
Road/Rail	SI Number .... 3066	Packing Group ... III
Sea	Packing Grp.<= 30lts ...III Marine Pollutant ..... No Shipping Name ..... Paint	Packing Grp. > 30lts.... III UN Number ..... 3066
Air	Packing Grp.<= 30lts .... III UN Number ..... 3066 Shipping Name ..... Paint	Packing Grp. > 30lts .... III
International	Packing Group ..... III	
Road/ Rail	Shipping Name ..... Paint	UN Number ..... 3066
<b>15 REGULATORY INFORMATION</b>		
The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information, Packing for Supply) Regulations 1994 as follows		
<b>Classification</b>	Xn - Harmful Sensitising	
<b>Contains</b>	EPOXIDE RESIN	
<b>Risk Phrases</b>	43 36/38	May cause sensitisation by skin contact Irritating to eyes and skin.
<b>Safety Phrases</b>	25 26 28 37/39	Avoid contact with eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice After contact with skin, wash immediately with plenty of water. Wear suitable gloves and eye/face protection
<b>P' Phrases</b>	Do not breathe Vapour or Spray	
The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks as required by other health & safety legislation. The provisions of the Health & Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.		
<b>16 OTHER INFORMATION</b>		
Text of any Risk Phrases listed in Section 8		
	R36/38 R43	Irritating to eyes and skin. May cause sensitisation by skin contact
Date of Origination 18/07/97 Date of last revision 18/07/97		
The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information & Packaging for Supply) Regulations 1994. The product should not be used for purposes other than those shown in sect.1 without first referring to the supplier and obtaining written instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.		
The information contained in this Safety Data Sheet is based in the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be constructed as any guarantee of technical performance or suitability for particular applications.		
Further information and relevant advice can be found in :- The Control of Substances Hazardous Regulations 1994 (SI 1994 : 3246) The Storage of Flammable Liquids in Containers. HS (G) 51 (if appropriate). The Storage of Packaged Dangerous Substances HS (G) 71 (if applicable). The Environmental Protection (Duty of Care) Regulations 1992 (SI 1998 : 2839).		