

Date issued: 6 January 2014. Replaces all previous editions.

1. Identification of the Preparation and of the Company

Reference/Product name: **TPS WBC176 (Two Pack) Water based Epoxy Activator**
TPS WBPC1020 (Two Pack) Water based Multi Surface Primer Activator
Intended use: **Two pack activator to mix with TPS WB176 & WBP1020 (Two pack Base Component)**
Company/undertaking name & address: **Technical Paint Services, The Paint Centre, 27 Southcote Road, Bournemouth BH1 3SH**

2. Hazards Identification

Irritant: irritating to eyes and skin, may cause sensitisation by skin contact. Dangerous to the Environment: Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment (also refer to Section 11).

CLASSIFICATION (1999/45. Xi;R36/38. R43 N;R51/53

3. Composition

Description: Mixture including the following substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned occupational Workplace Exposure Limits

Substance:	% content:	EC Number:	Classification:	CAS-No:
EPOXY RESIN (Num Ave MW _≤ 700)	60-100%	500-033-5	R43 Xi;R36/38 N;R51/53	25068-38-6
NONYLPHENOL ETHOXYLATED POLY	5-10%		Xi;R36/38	9016-45-9

Refer to section 15 & 16 for the wording of the listed risk phrases

4. First aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and warm water or use a proprietary skin cleanser based on polyethylene glycol. Do NOT use solvents or thinners. If a skin reaction occurs seek medical attention

Eye contact: Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical attention

Ingestion: If accidentally swallowed obtain immediate medical attention. Immediately give plenty of water or charcoal slurry. Keep at rest. Do NOT induce vomiting

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice

5. Fire-fighting measures

Suitable extinguishing media: **Should a fire occur where this material is in use or stored then:** Alcohol resistant foam, CO₂, powder, water spray/mist

Unsuitable extinguishing media: High volume water jet

Required special protective equipment for fire-fighters: Fire will produce dense black smoke containing vapours and other hazardous products of combustion (see Section 10). Exposure to decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus will be required. Do not allow run-off from fire fighting to enter drains, watercourses or soil

6. Accidental release measures

Personal precautions: Keep away from sources of ignition. Refer to protective measures listed in Sections 7 and 8

Environmental precautions: Contain and cover spillages with wet non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth, place in a suitable container to await disposal in accordance with the waste regulations (see Section 13).
If the product enters drains or sewers immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency

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Methods for cleaning: Clean preferably with a detergent: avoid the use of solvents

7. Handling and storage

Handling: Keep the container dry and closed at all possible times. Avoid skin and eye contact. Avoid inhalation of vapour or spray. Smoking, eating and drinking should be prohibited in areas of use. Never use pressure to empty the container (it is not a pressure vessel). Always keep in containers made of the same material as the supply container. The Manual Handling Operations Regulations may apply to the handling of packages of this product. Refer to the guide weight indicated on the package when carrying out assessments

Storage: Keep the container tightly closed and dry. Observe the label precautions. Store between 5 and 25°C in a dry, well-ventilated place away from sources of heat and direct sunlight. Containers that are opened should be properly resealed and kept upright to prevent leakage. Store separately from strongly alkaline and strongly acidic materials

8. Exposure Control / Personal Protection

Engineering measures: No special measures required
Control Parameters: No special measures required
Personal protection equipment: Wear suitable PPE e.g. gloves, overalls and safety glasses
Eye protection: Safety glasses should be worn to prevent incidental splashes
Hand protection: Nitrile, rubber or plastic gloves
Hygiene measures: Ensure hands are washed before eating, drinking or going to the toilet. Apply skin protection cream before handling. Immediately remove any contaminated clothing

9. Physical and chemical properties

Appearance:	Liquid	Melting point:	n/a
Odour:	Mild	Explosive properties:	n/a
Colour:	Light yellow	Flashpoint:	>140° C
Viscosity:	n/a	Vapour pressure:	<0.01 Pa @25° C
pH:	n/a	Relative density	1.0 – 1.2g/cm ³ (weight cup)
Boiling point:	>200° C	Solubility:	Insoluble in water
VOC:	2 g/l max. (EU limit cat A/j WB = 140 g/L 2010)		

10. Stability and reactivity

Conditions to avoid: Stable under the recommended storage and handling conditions (see Section 7).
Materials to avoid: Strong acids, alkalis and oxidizing agents..
Hazardous decomposition In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced.

11. Toxicological information

Acute toxicity: The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification.

Exposure may affect human health as follows:

Skin contact: Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis.

Eye contact: Splashes in the eyes may cause irritation and reversible local damage

Inhalation/ingestion: Harmful if inhaled and may cause delayed lung injury. May cause irritation to respiratory tract

12. Ecological information

This product has been assessed following the conventional method in CHIP and is classified as dangerous for the environment, and should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters

Substance classified as DfE ⁽¹⁾	Mobility ⁽²⁾	Persistence and biodegradability ⁽²⁾	Other adverse effects ⁽²⁾
Bisphenol A – epoxy resins		Partially biodegradable	Known to be toxic to aquatic organisms

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MW_≤700

Glycidylether of C12-C14

Partially biodegradable

Known to be toxic to aquatic organisms

Alcohols

⁽¹⁾ All substances listed in Section 2 and classified as dangerous for the environment (DfE)

⁽²⁾ Information taken from suppliers' safety data sheet and relevant to environmental impacts in the accidental release in storage, handling, use and disposal

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected

LAPC/LAPPC/IPPC requirements of regulations made under the Environmental Protection Act/Pollution Prevention and Control Act may apply to the use of this product.

13. Disposal Considerations

The classification of this product when disposed of as waste is **H3B, H5** and **08 01 11** in the European Waste Catalogue. If this product is mixed with other wastes this code may no longer apply. If mixed with other wastes the appropriate code should be assigned. For further information contact your local waste authority.

Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under The Control of Pollution Act, The Environmental Protection Act and The Hazardous Waste Regulations. Advice should be obtained from the relevant waste authority on the classification of empty containers.

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

14. Transport information

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Onward transport, subsequent to purchase:

Land transport ADR/RID (cross border):

ADR/RID class: 9

Item:

UN-Number: 1263

Packaging group: III

Danger code (Kemler/EAC): M6

Hazard label: Xn, contains reaction product bisphenol A-(epichlorohydrin) epoxy resin (number average molecular weight _≤700). N, Dangerous to the environment

Description of goods: Paint

Maritime transport IMDG:

IMDG class: 9

UN-Number: 1263

EMS Number: F-A-S-F

Marine pollutant: Yes

Page:

Packaging group: III

MFAG: 310

Proper shipping name: Paint

Air transport IATA-DGR

IATA class: 9

Packaging group: III

UN/ID Number: 1263

Proper shipping name: Paint

15. Regulatory information

Labelling according to EEC Directives: IRRITANT, Xi, DANGEROUS FOR ENVIRONMENT, N

Risk Phrases:	R36/38	Irritating to eyes and skin
	R43	May cause sensitisation by skin contact
	R51/53	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
Safety phrases:	S7/9	Keep container tightly closed and in a well ventilated place
	S24/25	Avoid contact with skin and eyes
	S29	Do not empty into drains
	S36/37/39	Wear suitable protective clothing, gloves and eye/face protection
	S60	This material and its container must be disposed of as hazardous waste

Hazardous components which must be listed on the label:

Contains reaction product: bisphenol A-(epichlorohydrin) epoxy resin (number average molecular weight _≤700)

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The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work

16. Other Information

General:

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's 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 on the present state of knowledge and on current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

This safety data sheet replaces all previous versions (refer to above date) and may contain significant new information affecting your risk assessment when using this product. The information contained in this safety data sheet is based on the present state of knowledge and current legislation. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness.

Recommendations/restrictions:

The information provided relates only to the material specified for industrial use and does not apply if used in combination with other materials. The data sheet gives information to the best of our knowledge on the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions or recommendations are not followed. It is the user's responsibility to be satisfied that the information provided is suitable and complete enough for this materials particular use.

Sources of key data and guidance used to compile this Safety Data Sheet: This data sheet was prepared in accordance with Directive 91/155/EEC (93/112/EC)

Suppliers' data

Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3) SI 2002/1689

Approved supply list. Information approved for the classification and labelling of substances and preparations dangerous for supply L129 (Seventh Edition)

Approved classification and labelling guide. Guidance on Regulations L131 (Fifth Edition)

The compilation of safety data sheets Approved Code of Practice L130 2002

CHIP for everyone HSG228

European Inventory of Existing Commercial Chemical substances (EINECS)

Approved carriage list Information approved for the carriage of dangerous goods by road and rail L90 (Third Edition)

Carriage of Dangerous Goods (Classification, Packaging and Labelling) and Use of Transportable Pressure Equipment Regulations 2004 SI 2004/568

Occupational exposure limits EH40/2005

The BCF Guide to the CHIP Regulations December 2005

Hazardous Waste Regulations 2005 SI 2005/894

Further information and advice can be found in:

Control of Substances Hazardous to Health Regulations 2002 (COSHH) SI 2002/1689 and subsequent amendments

COSHH Essentials: easy steps to control chemicals, HS(G)193. Details of available Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in HS(G) 193

Chemical Warehousing: Storage of Packaged Dangerous Substances, HS(G)71

The Environmental Protection (Duty of Care) Regulations 1992 SI1992/2839

R phrases of hazardous components (except those already listed in section 15):

None

Changes to previous version: Complete revision.