



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

1. IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product code and name: Sadolin PV67 Gloss and Satin (2 Pack)
Sadolin PV67 Catalyst

Product No: 5028738 – 5028742

Intended use: The protection and decoration of interior surfaces;
Applied by brush or roller. See container for details.

Name, address and telephone number: Sadolin Woodcare,
Crown Paints, Crown House, Hollins Road,
Darwen, Lancashire, United Kingdom, BB3 OBG.
Telephone: 01254 704951
Fax: 01254 702678
Email: sadolin.co.uk

Contact person: Product SHE info officer

2. HAZARDS IDENTIFICATION

FOR THE VARNISH ONLY:-

HARMFUL

HIGHLY FLAMMABLE

Harmful by inhalation and in contact with skin.

Irritating to skin.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

Contains: Formaldehyde 0.2866% and Xylene.

FOR THE ACTIVATOR ONLY:-

HARMFUL

FLAMMABLE

Harmful if swallowed.

Irritating to the respiratory system and skin.

Risk of serious damage to eyes.

Vapours may cause drowsiness and dizziness.

Contains: N-Butanol



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

FOR THE MIXED PREPARATION:- mixed at a ratio of 4 parts glaze to 1 part activator

HARMFUL

HIGHLY FLAMMABLE

Harmful by inhalation, in contact with skin and if swallowed.

Irritating to respiratory system and skin.

Risk of serious damage to eyes.

May cause sensitisation by skin contact.

Contains: Formaldehyde 0.2866% and Xylene.

All components are strongly irritating to eyes and may cause serious damage

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health hazard within the meaning of Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP) or assigned workplace exposure limits.

Name	CAS No	EC No	Conc. Range (%)	Symbol Letter	R-phrases (*)
For the varnish only:-					
Xylene	1330-20-7	215-535-7	30 - 60	Xn	R20/21, R38
Butylated urea formaldehyde resin	68002-19-7	-	10 - 30	-	R53
Iso-butanol	78-83-1	201-148-0	5 - 10	Xi	R37/38, R41, R67
n-Butyl Acetate	123-86-4	204-658-1	5 - 10	-	R66, R67
Isobutylated melamine formaldehyde resin	68002-21-1	-	2.5 - 5	-	R53
N-butanol	71-36-3	200-751-6	1 - 5	Xn	R22, R37/38, R41, R67
Methoxypropylacetate	-	-	1 - 2.5	Xi	R36
Ethylbenzene	100-41-4	202-849-4	1 - 2.5	Xn	R20
Solvent naphtha (petroleum), light aromatic <0.1% Benzene	64742-95-6	-	1 - 2.5	Xn, N	R37, R51/53, R65, R66, R67
Formaldehyde	50-00-0	200-001-8	<0.3	T	R23/24/25, R34, R37, R40, R43
Stoddard solvent; low boiling point naphtha <0.1% Benzene	8052-41-3	-	<0.2	XN, N	R51/53, R65
2-Butoxyethanol	203-905-0	111-76-2	<1	XN, Xi	R20/21/22, R36/38
For the Activator only:-					
N-butanol	71-36-3	200-751-6	60 - 80	Xn	R22, R37/38, R41, R67
Para-toluene sulphonic acid ≤ 5% H ₂ SO ₄	104-15-4	203-180-0	10 - 30	Xi	R36/37/38

(*) for full text see Section 16



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

4. FIRST AID MEASURES

General:

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

Inhalation:

Seek medical attention immediately. Remove to fresh air, keep the patient warm and at rest. If breathing has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in a prone position with head to the side (recovery position) and seek medical advice.

Eye Contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

Skin Contact:

Remove contaminated clothing. Flush skin thoroughly for at least 15 minutes with water. Do NOT use solvents or thinners. Seek medical attention.

Ingestion:

If accidentally swallowed obtain immediate medical attention, preferably at the nearest hospital accident emergency unit. Show this safety data sheet. Keep at rest. Do NOT induce vomiting. If conscious give milk or water to drink.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Recommended: alcohol resistant foam, CO₂, powder, water spray/mist.

Not to be used: water jet

Recommendations:

Product will burn if involved in a fire. Cool closed containers exposed to fire with water spray. Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus will be required. Do not allow waste from fire fighting to enter drains or water courses.



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Floors may become slippery. Warn others of the dangers present and exclude non-essential personnel.

Refer to protective measures listed in Sections 7& 8. Avoid breathing vapours.

Do not allow to enter drains or water courses. If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Contain and collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with the waste regulations (see Section 13). Clean preferably with a detergent; avoid the use of solvents.

7. HANDLING AND STORAGE

Handling

Apply product only in accordance with methods stated in Section 1.

Avoid skin and eye contact. Avoid inhalation of vapour. For personal protection, see Section 8. Electrical equipment should be protected to the appropriate standard.

Keep the container tightly closed. Exclude sources of heat, sparks and open flame.

Smoking, eating and drinking should be prohibited in areas of storage and use.

Never use pressure to empty; the container is not a pressure vessel.

Always keep in containers made of the same material as the supply container.

Protect from atmospheric water or moisture

Good housekeeping standards and regular safe removal of waste materials will minimise risks of spontaneous combustion and other fire hazards.

The Manual Handling Operations Regulations may apply to the handling of containers of this product. Packs with a volume content of 5 litres or more may be marked with a maximum gross weight.

To assist employers the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in Section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

Storage

Although the storage of this product is not subject to specific statutory requirements, the principles contained in HSE guidance note HS(G)51 'Storage of Flammable Liquids in Containers' should be observed.

Observe the label precautions. Store between 5° and 30°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. The principles contained in the HSE's guidance note HS(G)71 'Storage of Packaged Dangerous Substances' should be observed when storing this product. Store separately from oxidising agents and strongly alkaline and strongly acidic materials. Protect from atmospheric water or moisture

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

All engineering control measures used to control exposure to hazardous substances must be selected, maintained, examined and tested to meet the requirements of the Control of Substances Hazardous to Health Regulations (COSHH). Similarly all personal protective equipment, including respiratory protective equipment, must be selected, issued and maintained to meet the requirements of COSHH. These requirements include the provision of any necessary information, instruction and training with regard to their use.

Special precautions should be taken during surface preparation of pre-1960's paint surfaces over wood and metal as they may contain harmful lead.

Engineering Measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapours below the relevant workplace exposure limits, suitable respiratory protective equipment should be worn. (see "Personal protection" below).

Dry sanding, flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible. If exposure cannot be avoided by the provision of local exhaust ventilation, suitable respiratory protective equipment should be worn.

Exposure Limits

Name	Std	TWA - 8 hrs		STEL - 15 mins	
2-butoxyethanol	WEL	25 ppm (Sk)		50 ppm (Sk)	
N-butanol	WEL			50 ppm (Sk)	154mg/m ³ (Sk)
N-butyl acetate	WEL	150 ppm	724 mg/m ³	200 ppm	966 mg/m ³
Ethylbenzene	WEL	100 ppm	441 mg/m ³	125 ppm(Sk)	552 mg/m ³ (Sk)
Formaldehyde	WEL	2 ppm	2.5 mg/m ³	2 ppm	2.5 mg/m ³
Iso-butanol	WEL	50 ppm	154 mg/m ³	75 ppm	231 mg/m ³
Xylene	WEL	50 ppm(Sk)	200 mg/m ³	10 ppm (Sk)	441 mg/m ³ (Sk)



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

Notes:

WEL	-	Workplace exposure limit.
STEL	-	short term exposure limit.
TWA	-	time weighted average.
Ppm	-	parts per million.
mg m-3	-	milligrams per cubic metre.
Sk	-	indicates a risk of absorption through skin.

Personal Protection

Respiratory protection:

Local exhaust ventilation and good general extraction should be provided and suitable respiratory protective equipment should be worn. Where high levels of solvent vapour are likely to arise (e.g. painting large interior surface areas or in confined spaces) air-fed respiratory protective equipment should be worn.

Hand Protection:

When skin exposure may occur wear gloves. Advice should be sought from glove suppliers on appropriate types.

Eye Protection:

Eye protection designed to protect against liquid splashes should be worn.

Skin Protections:

Cotton or cotton/synthetic overalls or coveralls must be worn.

Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Always wash your hands before eating, smoking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

For the Varnish only:-

appearance:	Pale straw coloured Liquid.	
odour:	hydrocarbon/ ester	
flash point:	0-21°C	method: BS 3900 Part A8.
boiling point:	110-140°C	
density:	0.98-0.991	method BS 3900 Part A19.
solubility in water:	Immiscible.	
vapour pressure:	0.6-1.3 kPa @20°C	
viscosity:	50-60S	method: B4 20°C (ISO).
vapour density (air=1):	Heavier than air	
VOC:	480-490 g/l	



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

For the activator only:-

appearance:	Thin colourless liquid.	
odour:	butanol	
flash point:	35°C	method: BS 3900 Part A8.
boiling point:	117-119°C	
density:	0.90 @ 20°C	method BS 3900 Part A12.
solubility in water:	complete.	
vapour pressure:	0.6 kPa @20°C	
vapour density (air=1):	Heavier than air	
VOC:	700 g/l	

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions. (See section 7). In a fire, hazardous decomposition products such as smoke, oxides of carbon, oxides of nitrogen and oxides of silicon may be produced.

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction. Contact with electro positive metals e.g. aluminium, magnesium, zinc and their alloys will liberate hydrogen.

11. TOXICOLOGICAL INFORMATION

There is no data on the product itself. The product has been classified 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 the resulting classification.

Exposure to organic solvent vapours in excess of the stated workplace exposure limit may result in adverse health effects such as irritation of the mucous membranes and respiratory system and adverse effects on the liver and renal and central nervous systems. Symptoms and signs include sore throat, coughing, shortness of breath and delayed lung oedema.

Solvents may cause the above effects by absorption through the skin.

Repeated or prolonged contact with the product may lead to severe skin irritation, redness and pain

Splashes in the eyes may cause irritation redness, pain and may result in permanent damage and reversible local damage.

Ingestion may result in effects similar to those described for exposure to vapours.



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

12. ECOLOGICAL INFORMATION

These products have been assessed following the conventional method in CHIP and are not classified as dangerous for the environment but contains substances so classified.

See sections 3 and 15 for details.

The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

See also sections 5, 6 and 13.

13. DISPOSAL CONSIDERATIONS

When this coating, in its liquid state, becomes a waste, it is categorised as hazardous waste with code 08 01 11 (list of wastes).

Part used containers, not drained and/ or rigorously scraped out and containing dried residues of the coating, are categorised as non-hazardous waste, with code 08 01 12 (list of wastes).

Used containers, drained and/ or rigorously scraped out and containing dried residues of the coating, are categorised as non-hazardous waste, with code 15 01 12 or 15 01 04 (list of wastes).

If mixed with other wastes, the above waste code may not be applicable.

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

14. TRANSPORT INFORMATION

Transport within users 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 accident or spillage.

Transport must be in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/ IATA for air.

These products are classified for transport as follows:-



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

For the Varnish only:-

Proper Shipping Name: PAINT
UN Number: 1263
Hazard Class: 3



Packing Group: II
Sub Hazard Class: N/A
Marine Pollutant: No
Emergency Schedule number (IMDG only): F-E; S-E
Trem card no: 595

For the Activator only:-

Proper Shipping Name: PAINT RELATED MATERIAL FLAM/ CORROSIVE
UN Number: 3469
Hazard Class: 3+8



Packing Group: III
Sub Hazard Class: 8
Marine Pollutant: No
Emergency Schedule number (IMDG only): F-E; S-C
Trem card no: 80G23b



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

15. REGULATORY INFORMATION

The products are classified and labelled for supply in accordance with the Chemicals (Hazard Information Packaging for supply) Regulations (CHIP) as follows:

For the Varnish only:-



HIGHLY FLAMMABLE
HARMFUL

Harmful by inhalation and in contact with skin
Irritating to skin



Risk of serious damage to eyes
May cause sensitisation by skin contact
Contains: Formaldehyde 0.2866% and Xylene

Keep out of reach of children

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/ face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

For the Activator only:-



FLAMMABLE
HARMFUL

Harmful if swallowed.
Irritating to respiratory system and skin



Risk of serious damage to eyes
Vapours may cause drowsiness and dizziness
Contains: N-butanol

Keep locked and out of reach of children

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves and eye/ face protection.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Please note:- This product is supplied as a two pack product, designed to be mixed and used immediately on site; Therefore supply information is not listed for the mixed product.

UK REGULATORY REFERENCES.

The product is classified in accordance with the chemicals (Hazard Information and Packaging for Supply) regulations (CHIP).

The information contained in this safety data sheet does not constitute the users own assessment of workplace risks as required by other health and safety legislation.

The provision 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.



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

EU DIRECTIVES

Dangerous Substances Directive 67/548/EEC (as amended).
Dangerous Preparations Directive 199/45/EC (as amended).
Registration, Evaluation, Authorisation and restriction of Chemicals (REACH)
1907/2006 EC
Classification Labelling and Packaging of Substances and mixtures 1272/2008EC

APPROVED CODE OF PRACTICE

Approved classification and labelling guide (Sixth edition).
The compilation of Safety Data Sheets (Third edition).

GUIDANCE NOTES

Workplace Exposure Limits EH40, Storage of Flammable liquids in containers HS(G)51,
Storage of packed dangerous substances HS(G)71

NATIONAL REGULATIONS

The Control Of Substances Hazardous to Health regulations (as amended).
The Manual Handling Operations regulations (as amended).
The Environmental Protection (duty of care) regulations (as amended). The Chemicals
(Hazard Information and Packaging) for supply regulations (as amended). The Health
and Safety at Work act 1974 (as amended).

16. OTHER INFORMATION

Text of R phrases listed in Section 2.

R No.	Phrase.
R20/21/22	Harmful by inhalation in contact with skin and if swallowed.
R23/24/25	Toxic by inhalation in contact with skin and if swallowed.
R34	Causes burns.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.



SAFETY DATA SHEET

Sadolin PV67 Gloss and Satin (2 Pack)

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 instruction.

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 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.

REVISION DATE: 24/02/11
SDS No: Revision 3