

**SAFETY DATA SHEET
7GK092 LAMINATING ADHESIVE**



1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: WATER BASED LAMINATING ADHESIVE
PRODUCT NO. 7GK092
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous ingredients:

Not regarded as a health or environmental hazard under current legislation.

3 HAZARDS IDENTIFICATION

Name	EC No.	CAS-No.	Content	Classification
PROPAN-2-OL	200-661-7	67-63-0	0-0.1%	F; R11 Xi;R36 R67

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

4 FIRST-AID MEASURES

GENERAL INFORMATION

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

INHALATION

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.

INGESTION

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. If conscious give milk or water to drink.

SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.

EYE CONTACT

Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Make sure to remove any contact lenses from the eyes before rinsing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Recommended: alcohol resistant foam, carbon dioxide, powder, water spray/mist. Not to be used: water jet.

SPECIAL FIRE FIGHTING PROCEDURES

Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

SPECIFIC HAZARDS

Fire will produce dense black smoke containing hazardous product of combustion (see Section 10). Decomposition products may be a hazard to health.

PROTECTIVE MEASURES IN FIRE

Appropriate self-contained breathing apparatus may be required.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions:

Exclude sources of ignition and ventilate the area.

Environmental precautions:

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of stream, rivers or lakes, the relevant environment agency.

Clean-up procedures:

Contain and collect spillages with non-combustible absorbent materials, eg, sand, earth, vermiculite, diatomaceous earth and place in a clearly labelled suitable container for disposal in accordance with the waste regulations (see Section 13).

Do not allow to enter drains or water courses.

Clean preferably with a detergent; avoid the use of solvents.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid contact with skin and eyes.

Avoid eating, drinking and smoking when using the product.

Avoid inhalation of vapours and spray mists.

Observe good industrial hygiene practices.

Provide good ventilation.

Do not use in confined spaces without adequate ventilation and/or respirator.

The Manual Handling Operations Regulations 1992 may apply to the handling of containers of this product. 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 nett weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

STORAGE PRECAUTIONS

Observe the label precautions. Store between 5 and 25 deg C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs	STEL - 15 min	Notes
PROPAN-2-OL	WEL	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

During thermal curing or drying products may be formed which should be extracted safely away from the work area.

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Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Where skin exposure may occur wear impervious gloves, advice should be sought from glove suppliers on appropriate types, and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of the skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE PROTECTION

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

OTHER PROTECTION

Cotton or cotton/synthetic overalls or coveralls are normally suitable.

HYGIENE MEASURES

Grossly contaminated clothing should be removed and the skin wash with soap and water or a proprietary skin cleaner. Regular skin inspection of users of this product is recommended. **ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.**

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Milky.
SOLUBILITY	Miscible with water.
RELATIVE DENSITY	1.03 Kg/L at 21°C
pH-VALUE, CONC. SOLUTION	VAPOUR DENSITY (air=1) Water
VISCOSITY	5 - 6
FLASH POINT (°C)	17-21 secs B4 cup at 21°C
	Above 100°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under the recommended storage and handling conditions (see Section 7).

CONDITIONS TO AVOID

Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

HAZARDOUS DECOMPOSITION PRODUCTS

In a fire, hazardous decomposition and products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced.

11 TOXICOLOGICAL INFORMATION

There is not data available on the product itself.

INHALATION

High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

INGESTION

Ingestion may result in the following effects: sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea. Other effects may be as described for exposure to vapours.

SKIN CONTACT

Repeated exposure may cause skin dryness or cracking. May cause defatting of the skin, but is not an irritant.

EYE CONTACT

Splashes in the eyes may cause irritation and reversible local damage.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product. The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

Wastes, including emptied containers are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

Using the information provided in the safety data sheet, advice should be obtained from the relevant environment agency whether the special waste regulations apply.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

The Manual Handling Operations Regulations 1992 (SI 1992:2793)

ENVIRONMENTAL LISTING

The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839).

STATUTORY INSTRUMENTS

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

GUIDANCE NOTES

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.

Further guidance on OEL's and the assessment of occupational exposure to substances hazardous to health is given in "EH40: Occupational exposure limits" published by the HSE, Books.

Chemical Warehousing: Storage of Flammable Liquids in Containers, HS(G)51

NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended)

16 OTHER INFORMATION

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.

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.

INFORMATION SOURCES

HSE website www.hse.gov.uk

ISSUED BY

A Miller

RISK PHRASES IN FULL

R11 Highly flammable.

R36 Irritating to eyes.

R67 Vapours may cause drowsiness and dizziness.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.