

Material Safety Data Sheet

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Infosafe No. 2BKO2 Issue Date: October 2003 ISSUED by BOSTIK

Product Name: **BOSTIK SOLVENT CEMENT TYPE 'P' GREEN**

Classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name BOSTIK FINDLEY AUSTRALIA PTY LTD (ABN 003 893 838)
Address 51 - 71 High Street Thomastown
VIC 3074
Tel/Fax Tel: 03 9279 9333 Fax: 03 9279 9270

IDENTIFICATION

Product Name BOSTIK SOLVENT CEMENT TYPE 'P' GREEN
Proper Shipping Name ADHESIVES
Other Names

<u>Name</u>	<u>Mancode</u>
Bostik Solvent Cement P Green, 125ml	223832
Bostik Solvent Cement P Green, 250ml	223840
Bostik Solvent Cement P Green, 500ml	223859
Bostik Solvent Cement P Green, 4litre	223875

UN Number 1133
DG Class 3
Packing Group II
Hazchem Code 3[Y]E
Poisons Schedule S5
Product Use A brush applied, solvent based adhesive for unplasticised PVC pipe jointing.

Physical Data

Appearance Thin, transparent green liquid with solvent odour.
Boiling Point Not Available
Vapour Pressure Not Available
Specific Gravity 0.91 g/cm³
Flash Point -4°C (MEK)
Flamm. Limit LEL Lower: 1.8% (MEK) Upper: 11.5% (MEK)

Other Properties

Other Information Solubility in Water (g/L): Insoluble

Ingredients

<u>Ingredients</u>	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Methyl Ethyl Ketone (MEK)	78-93-3	30-60 %
	Cyclohexanone	108-94-1	10-30 %
	N-Methyl-2-pyrrolidone	872-50-4	1-10 %
	Tetrahydrofuran	109-99-9	1-10 %
	Epoxy resin		0.1-1 %
	Ingredients determined not to be hazardous		to 100%

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed May be harmful if swallowed.
Acute - Eye Irritating and may injure eye tissue if not removed promptly.
Acute - Skin Contact with skin may result in irritation.

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Acute - Inhaled Inhalation of high MEK vapour concentrations can cause eye and respiratory tract irritation, headache, dizziness and other central nervous system effects.

Chronic Repeated or prolonged skin contact can cause irritation and may lead to dermatitis.
Simultaneous exposure to MEK and n-hexane can potentiate the known irreversible effects of n-hexane ie progressive and possibly irreversible peripheral polyneuropathy. There is no evidence to indicate MEK alone will cause these effects.

First Aid

Swallowed If swallowed, do NOT induce vomiting. Give patient a glass of water to drink and seek medical advice. Do NOT give anything to drink to an unconscious person.

Eye Immediately flush with large amounts of water for at least 15 minutes. Seek medical attention.

Skin Remove contaminated clothing and footwear and wash before re-use. Wash affected area with plenty of soap and water. If irritation occurs seek medical attention.

Inhaled Remove patient from contaminated area. Apply artificial respiration if necessary. Seek medical advice.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits No exposure standard is available for the material as such. Exposure standards for the hazardous components are as follows (NOHSC-1995):
Methyl Ethyl Ketone: TWA: 150ppm (445mg/m³), STEL: 300ppm (890mg/m³),
Cyclohexanone: TWA: 25ppm (100mg/m³) - skin,
TWA is the time weighted average concentration of the work atmosphere over a normal 8-hour work day and a 40-hour work week. Nearly all workers may be repeatedly exposed to this level, day after day, without adverse effect. A 'skin' notation indicates that this substance will also be readily absorbed through the skin, which may be by airborne material or direct contact. The TWA is obviously invalidated if such contact should occur. These TWAs are issued as guidelines for good practice. All atmospheric contamination should be kept to as low a level as is practically possible. These TWAs should not be used as fine lines between safe and dangerous concentrations.

The STEL (Short Term Exposure Limit) is the airborne concentration of a substance averaged over a 15 minute period. These exposure limits are not to be exceeded at any time during a normal eight hour working day.

Eng. Controls Use only with adequate ventilation. Ventilation should ensure exposure is kept as low as practicable or at least below the recommended exposure standards. If mechanical ventilation is required it must be suitable for use with flammable material.

Personal Protection

Protective Equip. The following personal protective equipment is recommended:
Respiratory protection, such as organic vapour cartridge mask or air supplied system, if ventilation inadequate or working in confined areas.
Solvent resistant gloves, such as neoprene rubber, should be worn in order to avoid skin contact.
Safety goggles if risk of eye contact exists.

Flammability

Fire Hazards Highly flammable.

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SAFE HANDLING INFORMATION

Storage and Transport

Storage and Transport Store in cool, dry conditions away from oxidising agents and sources of ignition. Keep containers closed when not in use. Classified as a Class 3 (Highly Flammable) material according to the, 'Australian Code for the Transport of Dangerous Goods by Road and Rail', therefore should be stored and transported according to the relevant regulations in each state.

Proper Shipping Name ADHESIVES

EPG Number 3A1

IERG Number 14

Packaging Method 5.9.3#

Spills and Disposal

Spills & Disposal Shut off all possible ignition sources. Clean-up personnel to wear appropriate personal protective equipment. Major spillages should be immediately confined using earth, sand or other inert, non-combustible material (not saw dust). Prevent run-off into drains and water-ways. Prevent spreading of flammable vapours. Collect impregnated absorbent into clearly labelled containers for disposal as per statutory regulations.

Fire/Explosion Hazard

Fire/Explos. Hazard Highly flammable material.
Keep containers sealed when not in use.
Hazardous decomposition products on burning: oxides of carbon, hydrogen chloride, smoke and other toxic fumes.
Fire-fighting personnel to wear self contained breathing apparatus and protective clothing.
Extinguishing media: Foam, dry chemical, carbon dioxide.

Hazardous Reaction Incompatible with strong oxidising agents and acids.

Hazchem Code 3[Y]E

OTHER INFORMATION

Toxicology No toxicity data is available for the material as such.

Environ. Protection This material may be hazardous to the environment. Avoid contaminating drains and water-ways.

Risk Statement R11 Highly flammable.
R36/37 Irritating to eyes and respiratory system.

Safety Statement S9 Keep container in a well ventilated place.
S16 Keep away from sources of ignition - No smoking.
S23 Do not breathe gas/fumes/vapour/spray
S25 Avoid contact with eyes.

Pkg. & Labelling Classified as Scheduled Poison (S5), Class 3 flammable material and a hazardous substance (irritant) therefore should be packed and labelled according to the relevant regulations.

Hazard Category Irritant

Manufacturers Advice REASON FOR UPDATE: General revision
SUPERSEDES: Issue dated 21st September, 1998

Technical Data Refer Product Information Bulletin

Other Information N/A None Assigned
NOHSC - National Occupational Health & Safety Commission (Worksafe Aust.)

CONTACT POINT

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Contact & 24 Hour Emergency Telephone:
Regulatory Affairs Officer
(03) 9279-9320 or
Mobile: 0419 335 187
...End Of MSDS...