



Kmart Australia Ltd
ACN 004 700 485
ABN 73 004 700 485
600 Springvale Rd Mulgrave
Victoria 3170 Australia
PO Box 350 Glen Iris
Victoria 3146 Australia
P +61 3 9902 2000
F +61 3 9902 2222
Kmart New Zealand;
Regional Office C/O Kmart Papatoetoe Store Hunters Plaza
Great Southern Road Papatoetoe Auckland New Zealand
P 1 800 051 800

MATERIAL SAFETY DATA SHEET

ISSUED DATE: 10th March 2016

REVISION: 2

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Office One Dual Tip Glue Pen
ITEM CODE: 41589342

2. HAZARDS IDENTIFICATION

This product is not classified as hazardous or dangerous according to Directive 1999/45/EC and its amendments

3. CHEMICAL COMPOSITION / INGREDIENTS INFORMATION

Ingredient	CAS	Percentage
Glycerol	56-81-5	5%
Water	7732-18-5	77%
Vinyl acetate	108-05-4	18%

4. FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Move exposed person to fresh air. Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Skin contact: After contact with skin, wash immediately with plenty of soap and water. Get medical attention if symptoms occur.

Eye contact: Immediately flush with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Protection of First-aiders: No action shall be taken involving any personal risk or without suitable training

Notes to Physician: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

5. FIRE FIGHTING

Extinguishing media:

Suitable: Use an extinguishing agent suitable for the surrounding fire.

Not Suitable: Do not use water jet.

Special Exposure Hazards: In a fire or if heated, a pressure increase will occur and the container may burst. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Hazardous thermal decomposition products: Decomposition products may include the following materials:
carbon dioxide
Carbon monoxide
Acetic vapours.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment (see section 8).

Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drain and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods for cleaning up:

Small spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert material and transfer the spilled material and absorbent to an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Storage: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

Packaging Materials:

Recommended: Use original container.

8. EXPOSURE CONTROLS/PPE

No exposure controls are required when end product is used.

Exposure limit values

Ingredient name	Occupational exposure limits
Glycerol	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 10 mg/m ³ 8 hour(s). Form: Mis

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls Occupational exposure controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Skin protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES (Lotion)

General information:

Appearance:

Physical State: Liquid

Colour: Colourless

Odour: Odourless

pH: Not available

Boiling point: Not available

Flash point: Not available

Flammability: Non flammable

10. STABILITY AND REACTIVITY

Chemical Stability: The product is stable

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid: Avoid excessive heat.

Materials to avoid: Reactive or incompatible with the following materials: oxidizing materials, acids and alkalis.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Toxicokinetics

Absorption : Routes of entry anticipated: Oral, Dermal, Inhalation.

Distribution : Contains material which may cause damage to the following organs: kidneys, upper respiratory tract, skin, eyes.

Metabolism : Not available.

Elimination : Not available.

Potential acute health effects

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Glycerol	LD50 Oral	Rat	12600 mg/kg	-

Conclusion/Summary: Not available.

Potential chronic health effects

Chronic toxicity

Conclusion/Summary: Not available.

Irritation/Corrosion

Conclusion/Summary: Not available.

Sensitizer

Conclusion/Summary: Not available.

Carcinogenicity

Conclusion/Summary: Not available.

Mutagenicity

Conclusion/Summary: Not available.

Teratogenicity

Conclusion/Summary: Not available.

Reproductive toxicity

Conclusion/Summary: Not available.
 Chronic effects: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.
 Mutagenicity: No known significant effects or critical hazards.
 Teratogenicity: No known significant effects or critical hazards.
 Developmental effects: No known significant effects or critical hazards.
 Fertility effects: No known significant effects or critical hazards

Over-exposure signs/symptoms
 Skin
 Ingestion: No specific data.
 Inhalation: No specific data.
 Skin: No specific data.
 Eyes: No specific data.

12. ECOLOGICAL INFORMATION

Ecotoxicity : No known significant effects or critical hazards.
 Aquatic ecotoxicity

Product/ingredient name	Result	Species	Exposure
Glycerol	Acute LC50 54 ml/L Fresh water	Fish - Oncorhynchus mykiss - 0.9g	96 hours

Conclusion/Summary: Not available.
 Other ecological information
 Persistence/degradability
 Conclusion/Summary: Not available.
 Other adverse effects: No known significant effects or critical hazards.
 PBT: Not applicable.
 vPvB: Not applicable.

13. DISPOSAL CONSIDERATIONS

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

International transport regulations
 ADR/RID/ADNR/IMDG/IATA: Not regulated.

15. REGULATORY INFORMATION

Environmental Risk Management Authority (ERMA) Group Standard Number: Not applicable.
Hazardous Substances and New Organisms Act (HSNO): Approved Handler not required.

Chemical Safety
 Assessment: This product contains substances for which Chemical Safety Assessments are still required.

EU regulations
Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC

(including amendments) and take into account the intended product use.

Classification and labelling according to Regulation (EC) 1907/2006 (REACH)
 Risk phrases; This product is not classified according to EU legislation.
 Product use: Consumer applications, Industrial applications.
 Europe inventory: All components are listed or exempted.
 Black List Chemicals: Not listed
 Priority List Chemicals: Not listed
 Integrated pollution prevention and control list (IPPC) - Air: Not listed
 Integrated pollution prevention and control list (IPPC) - Water: Not listed

Other EU regulations

Additional warning phrases : Safety Data Sheet available for professional user on request.

International regulations

Chemical Weapons Convention

List Schedule I Chemicals: Not listed

Chemical Weapons Convention List Schedule II Chemicals: Not listed

Chemical Weapons Convention List Schedule III Chemicals: Not listed

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.