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Kit MSDS  
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Document id : 16-2739-7 Issue date : 13/12/2005  
Version : 3.00 Supersedes date : 28/11/2002

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1 INFORMATION REGARDING KIT

Dear Customer,

This is the cover sheet for the KIT MSDS.  
You will find the document numbers of the MSDS that belong to the kit  
here on this page.

Tradename:

PROMPT L-POP-ADHESIVE

3M Product ID:

70-2011-0003-2 70-2011-0004-0

Kit Components

16-2729-8 PROMPT L-POP YELLOW CUSHION  
16-2738-9 PROMPT L-POP RED CUSHION

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MATERIAL SAFETY DATA SHEET  
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Document id : 16-2729-8 Issue date : 14/07/2005  
Version : 4.00 Supersedes date : 14/10/2003

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION  
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Tradename:

PROMPT L-POP YELLOW CUSHION

3M Product ID:

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2 COMPOSITION/INFORMATION ON INGREDIENTS  
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Ingredient name and classification	CAS number	Percentage
WATER	7732-18-5	Greater than 99.0

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3 HAZARDS IDENTIFICATION  
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Critical hazards:  
Not applicable

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4 FIRST-AID MEASURES  
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Eye Contact:  
Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact:  
Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation:  
No need for first aid is anticipated.

Ingestion:  
No need for first aid is anticipated.

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5 FIRE-FIGHTING MEASURES  
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Suitable Extinguishing Media:  
Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

Hazardous Decomposition:  
Carbon Monoxide, Carbon Dioxide.

Fire-Fighting Procedures:  
Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

Special Instructions:  
Not applicable.

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6 ACCIDENTAL RELEASE MEASURES  
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Personal Precautions:  
Observe precautions from other sections.

Methods for Cleaning up:  
Ventilate the area with fresh air. Contain spill. Cover with absorbent material. Collect as much of the spilled material as possible. Clean up residue. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

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## 7 HANDLING AND STORAGE

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Incompatible Materials/Conditions:  
Store away from heat.

Ventilation:  
Keep container in a well-ventilated area.

Precautions for Safe Handling:  
Observe precautions from other sections.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Eye Protection:  
Avoid eye contact. The following should be worn alone or in combination, as appropriate to prevent eye contact: Safety glasses with side shields.

Skin Protection:  
Avoid prolonged or repeated skin contact. Gloves not normally required.

Respiratory Protection:  
Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion:  
Do not ingest.

Recommended Ventilation:  
Not applicable.

Exposure Limits:

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour:	Colourless odourless liquid
pH:	7
Boiling point/boiling range:	100 C
Water Solubility:	Complete
Specific gravity:	1 Water=1
Percent Volatile:	Not determined.

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## 10 STABILITY AND REACTIVITY

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Conditions to Avoid:  
Heat.

Materials to Avoid:  
None known.

Hazardous Decomposition:  
Stable. Hazardous polymerisation will not occur.

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11 TOXICOLOGICAL INFORMATION  
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Effects from Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Effects from Skin Contact:

Prolonged or repeated exposure may cause: Mild Skin Irritation: signs/symptoms may include localised redness, swelling, and itching.

Effects from Inhalation:

No adverse health effects are expected.

Effects from Ingestion:

No health effects are expected.

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12 ECOLOGICAL INFORMATION  
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Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

A conservative assessment indicates this product presents a low environmental risk because use and disposal are unlikely to result in the significant release of components to the environment.

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13 DISPOSAL CONSIDERATIONS  
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Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

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14 TRANSPORT INFORMATION  
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UN NUMBER:

UN number: Not restricted for transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

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15 REGULATORY INFORMATION  
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Disclosable Ingredients:

No ingredients required on label

Symbol(s):

None

Risk Phrases:

None.

Safety Phrases:

Avoid contact with the skin and eyes.

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16 OTHER INFORMATION  
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Regulatory Information:

The following UK Regulations as amended may affect the product as supplied: The Chemicals (Hazard Information and Packaging for supply) Regulations, as amended. The Carriage of Dangerous Goods (Classification, Packaging and Labelling) and use of Transportable Pressure Receptacles Regulations 1996, as amended. Carriage of Dangerous Goods by Road regulations, 1996, as amended. The Control of Substances Hazardous to Health Regulations 1999 as amended. The Special Waste Regulations 1996, as amended. The Environmental Protection Act, 1990 The Health and Safety at Work Act, 1974.

Reissue date/Reason for reissue.

Updated sections 7,9,10,12,15.

Intended Use of Product:

Dental adhesive

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MATERIAL SAFETY DATA SHEET  
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Document id : 16-2738-9 Issue date : 14/07/2005  
Version : 4.00 Supersedes date : 14/10/2003

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1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION  
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Tradename:  
PROMPT L-POP RED CUSHION

3M Product ID:

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2 COMPOSITION/INFORMATION ON INGREDIENTS  
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Ingredient name and classification	CAS number	Percentage
METHACRYLATED PHOSPHORIC ACID ESTERS	Mixture	Approximately 98
DL-CAMPHORQUINONE	10373-78-1	1.0 - 2.0

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3 HAZARDS IDENTIFICATION  
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Critical hazards:  
Corrosive. Causes burns. May cause sensitisation by skin contact.

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4 FIRST-AID MEASURES  
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Eye Contact:  
Get immediate medical attention. Immediately flush eyes with large amounts of water for at least 15 minutes.

Skin Contact:  
Immediately flush skin with large amounts of water for at least 15 minutes. Get immediate medical attention. Remove contaminated clothing and shoes. Wash contaminated clothing and shoes before reuse.

Inhalation:

Remove person to fresh air. If signs/symptoms develop, get medical attention.

Ingestion:

Do not induce vomiting. Get immediate medical attention. Give victim two glasses of water. Never give anything by mouth to an unconscious person.

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5 FIRE-FIGHTING MEASURES

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Suitable Extinguishing Media:

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

Hazardous Decomposition:

Irritant vapours or gases. Carbon Monoxide, Carbon Dioxide.

Fire-Fighting Procedures:

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings), bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

Special Instructions:

Not applicable.

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6 ACCIDENTAL RELEASE MEASURES

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Personal Precautions:

Observe precautions from other sections.

Methods for Cleaning up:

Ventilate the area with fresh air. Contain spill. Cover with absorbent material. Collect as much of the spilled material as possible. Clean up residue. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

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7 HANDLING AND STORAGE

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Incompatible Materials/Conditions:

Store away from heat.

Precautions for Safe Handling:

Observe precautions from other sections.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

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Eye Protection:

Avoid eye contact. The following should be worn alone or in combination, as appropriate to prevent eye contact: Safety glasses with side shields.

Hand Protection:

A no-touch technique is recommended. If skin contact occurs, wash skin with soap and water. Acrylates may penetrate commonly-used gloves. If product contacts glove, remove and discard glove, wash hands immediately with soap and water and

then re-glove.

Skin Protection:

Avoid skin contact.

Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion:

Do not ingest.

Recommended Ventilation:

Not applicable.

Special Instructions:

See Sect. 7.1 for more information about skin protection.

Exposure Limits:

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9 PHYSICAL AND CHEMICAL PROPERTIES

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Appearance and Odour:	Slight yellow coloured liquid, with acrylate odour.
Boiling point/boiling range:	> 35 C
Flash point:	> 140 C
Water Solubility:	Complete
Specific gravity:	> 1, Water=1
Evaporation rate:	< 1, BuOAc=1
Viscosity:	10000 centipoise
Percent Volatile:	Not determined.

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10 STABILITY AND REACTIVITY

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Conditions to Avoid:

Heat.

Materials to Avoid:

None known.

Hazardous Decomposition:

Stable. Hazardous polymerisation will not occur.

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11 TOXICOLOGICAL INFORMATION

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Effects from Eye Contact:

Corrosive (Eye Burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

Effects from Skin Contact:

Corrosive (Skin Burns): Signs/symptoms may include localised



redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction. Prolonged or repeated exposure may cause: Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Effects from Inhalation:

Upper Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Gastrointestinal Corrosion: Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea; blood in the faeces and/or vomitus may also be seen.

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12 ECOLOGICAL INFORMATION

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Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

Special statements for 2001/58/EC:

A conservative assessment indicates this product presents a low environmental risk because use and disposal are unlikely to result in the significant release of components to the environment.

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13 DISPOSAL CONSIDERATIONS

---

Product as Sold:

Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

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14 TRANSPORT INFORMATION

---

UN NUMBER:

UN number: Not restricted for transportation.

UK ROAD/SEA FREIGHT (IMO) CLASSIFICATION:

Substance Identification Number:

Class:

Packing Group:

Proper Shipping Name:

ADR/RID CLASSIFICATION:

Class:

ADR classification:

ICAO/IATA CLASSIFICATION:

Class:

Sub-Risk:

Packing Group:

Proper Shipping Name:

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15 REGULATORY INFORMATION

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Disclosable Ingredients:

METHACRYLATED PHOSPHORIC ACID ESTERS

Symbol(s):

(C)Hand and Testube (Corrosive).

Risk Phrases:

(R34) Causes burns. (R43) May cause sensitisation by skin contact.

Safety Phrases:

Avoid contact with the skin and eyes. Wear suitable gloves and eye protection. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water. Please read the package insert for additional precautionary warnings.

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16 OTHER INFORMATION

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Regulatory Information:

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Reissue date/Reason for reissue.

Updated sections 7,8,9,12,15.

Intended Use of Product:

Dental adhesive

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