

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
MSDS Number: 03673#2
Version Number: H
MSDS Date: SEP-19-2007
Page Number: 1 of 7

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
Hazard Rating: Health: 3 Fire: 1 Reactivity: 0 PPI:
Company Identification: ROYAL ADHESIVES & SEALANTS LLC
600 CORTLANDT STREET
BELLEVILLE NJ 07109-3384
Contact: BRUCE WEINMAN
Telephone/Fax: (973) 751-3000 (973) 751-8407
Emergency Phone (24 Hour): ENVIRONMENTAL SPECIALIST
(973) 751-3000
Chemtrec (24 Hour): (800) 424-9300
Preparer: B. WEINMAN
ENVIRONMENTAL SPECIALIST
Product Class: AMINE
Trade Name: WET SURFACE PATCHING
Product Code: (04003) PART B

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredients	CAS Number
TRADE SECRET	TRADE SECRET
AMINOETHYL PIPERAZINE	140-31-8
TRADE SECRET	TRADE SECRET
4,4-ISOPROPYLIDENEDIPHENOL	80-05-7
NONYL PHENOL	84852-15-3
FUMED SILICA	TRADE SECRET

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory

SECTION III - HAZARDS IDENTIFICATION

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)

MSDS Number: 03673#2

Version Number H

MSDS Date: SEP-19-2007

Page Number: 2 of 7

EYE CONTACT:

SEVERE EYE IRRITANT. CORROSIVE TO THE EYES.

SKIN CONTACT:

SEVERE SKIN IRRITANT. CORROSIVE TO THE SKIN. MAY CAUSE SKIN SENSITIZATION. MAY BE TOXIC IF ABSORBED THROUGH SKIN.

INHALATION:

SEVERE RESPIRATORY TRACT IRRITANT. REPEATED EXPOSURE MAY CAUSE LUNG DAMAGE.

INGESTION:

NOT EXPECTED TO BE A RELEVANT ROUTE OF EXPOSURE, HOWEVER, WILL CAUSE BURNS TO MOUTH, THROAT AND SEVERE GASTRIC DISTURBANCES. MAY BE MODERATELY TOXIC IF SWALLOWED.

OTHER HEALTH HAZARD INFORMATION:

REPEATED AND/OR PROLONGED CONTACT MAY RESULT IN ADVERSE RESPIRATORY EFFECTS (SUCH AS COUGH OR SHORTNESS OF BREATH), ADVERSE EYE EFFECTS (SUCH AS CORNEAL DAMAGE), ADVERSE SKIN EFFECTS (SUCH AS A RASH OR CORROSION TO THE SKIN).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

ASTHMA, CHRONIC RESPIRATORY DISEASE, EYE DISEASE, SKIN DISORDERS AND ALLERGIES.

CARCINOGENICITY:

THIS PRODUCT DOES NOT CONTAIN CARCINOGENS AS LISTED BY OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (OSHA), NATIONAL TOXICOLOGY PROGRAM (NTP) AND INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC).

SECTION IV - FIRST AID MEASURES

EYE CONTACT:

FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES WHILE LIFTING UPPER AND LOWER EYE LIDS. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT:

FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF SKIN BECOMES IRRITATED.

INHALATION:

REMOVE PERSON TO FRESH AIR AND CALL A PHYSICIAN. PREVENT ASPIRATION OF VOMIT BY TURNING VICTIMS HEAD TO THE SIDE.

INGESTION:

DO NOT INDUCE VOMITING. ADMINISTER 3-4 GLASSES OF MILK OR WATER. GET IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF VICTIM IS

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
MSDS Number: 03673#2
Version Number: H
MSDS Date: SEP-19-2007
Page Number: 3 of 7

DROWSY, CONVULSING, OR UNCONSCIOUS.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class: IIIB
Flash Range: Not Available
Pensky-Martens Closed Cup ASTM D 93 >200F
Explosive Range: Not Available

FIRE-FIGHTING MEASURES:

WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE.
DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER BOOTS), INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS (SCBA).
COOL FIRE EXPOSED CONTAINERS WITH WATER.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:

ABSORB LIQUID MATERIAL AND PLACE IN CONTAINER FOR DISPOSAL. COMPLY WITH LOCAL, STATE, AND FEDERAL EPA REGULATIONS.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:

STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits					
	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
TRADE SECRET					
	N/est	N/est	N/est	N/est	N/est
AMINOETHYL PIPERAZINE					
	N/est	N/est	N/est	N/est	N/est
TRADE SECRET					

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
MSDS Number: 03673#2
Version Number: H
MSDS Date: SEP-19-2007
Page Number: 4 of 7

	N/est	N/est	N/est	N/est	N/est
4,4-ISOPROPYLLIDENEDIPHENOL	N/est	N/est	N/est	N/est	N/est
NONYL PHENOL	N/est	N/est	N/est	N/est	N/est
FUMED SILICA	3.0000 mg/M3	N/est	N/est	N/est	0.8000 mg/M3

PERSONAL PROTECTIVE EQUIPMENT:

USE WITH ADEQUATE VENTILATION.

NORMAL USE OF THIS PRODUCT DOES NOT REQUIRE A RESPIRATOR.

WEAR A RESPIRATOR APPROVED BY NIOSH/MSHA WHENEVER EXPOSED TO FUMES OR VAPORS. COMPLY WITH OSHA 1910.134 (CFR).

LOCAL EXHAUST IS RECOMMENDED.

USE CHEMICAL RESISTANT PROTECTIVE GLOVES (NITRILE) TO PROTECT THE SKIN.

USE SAFETY GLASSES OR SAFETY GOGGLES TO PROTECT THE EYES.

EYE WASH STATION SHOULD BE AVAILABLE FOR EMERGENCY USE.

EXPOSURE LIMITS (PARTICULATES):

THE EXPOSURE LIMIT CHART (SECTION VIII) WILL CONTAIN THE ACGIH LIMIT FOR TOTAL PARTICULATES, NOT OTHERWISE CLASSIFIED OF 10 Mg/M3, UNLESS A SPECIFIC LIMIT HAS BEEN ESTABLISHED.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form:	LIQUID
Appearance/Color:	AMBER
Odor:	AMINE
Boiling Range:	Not Available
Vapor Pressure (mmHg):	Not Available
Melting Point:	Not Applicable
Evaporation Rate:	Unavailable

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
MSDS Number: 03673#2
Version Number H
MSDS Date: SEP-19-2007
Page Number: 5 of 7

% Volatile Not Available
Specific Gravity: 1.17

SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable
Hazardous Polymerization: Hazardous polymerization will not occur

REACTIVITY:

INCOMPATIBILITY:

OXIDIZING AGENTS, MINERAL AND ORGANIC ACIDS, WATER.

CONDITIONS TO AVOID:

HIGH TEMPERATURES.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, TRACES OF PHENOL.

SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm)	Oral	Skin	Inhale	LC50
-------------------------------	------	------	--------	------

TOXICOLOGICAL INFORMATION:
NO INFORMATION IS AVAILABLE.

SECTION XII - ECOLOGICAL INFORMATION

NO INFORMATION IS AVAILABLE.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA CONSIDERATIONS:

PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL AND LOCAL REGULATIONS.

SECTION XIV - TRANSPORT INFORMATION

UN Number	1760
UN Pack Group	III
UN Class	8
ICAO/IATA Class	8
IMDG Class	8
Shipping Name	CORROSIVE LIQUID, n.o.s.

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)
MSDS Number: 03673#2
Version Number H
MSDS Date: SEP-19-2007
Page Number: 6 of 7

ADR/RID Class (Polyalkylamines)
DOT Hazard Class 8
Technical Name

•
PRODUCT PACKAGING CONFORMS TO 49 CFR 173.4 - REQUIREMENTS FOR "SMALL QUANTITY EXCEPTIONS".

SECTION XV - REGULATORY INFORMATION

SARA TITLE III SECTION 313:
This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372:

Chemical Name	CAS Number	%
4,4-ISOPROPYLIDENEDIPHENOL	80-05-7	10 -15

TSCA STATUS:
ALL INGREDIENTS CONTAINED IN THIS PRODUCT ARE ON THE TSCA INVENTORY.

INVENTORY STATUS:
THE COMPONENT(S) OF THIS PRODUCT HAVE BEEN VERIFIED TO BE LISTED ON THE FOLLOWING INVENTORIES:

UNITED STATES (TSCA)
CANADA (DSL)
EUROPE (EU)
AUSTRALIA (AICS)
JAPAN
CHINA
KOREA
PHILIPPINES (PICCS)

SECTION XVI - OTHER INFORMATION

DISCLAIMER:
ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN (HEREINAFTER "INFORMATION") ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, ROYAL ADHESIVES

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE PURPLE PACKAGE (4 gram package)

MSDS Number: 03673#2

Version Number H

MSDS Date: SEP-19-2007

Page Number: 7 of 7

& SEALANTS LLC MAKES NO REPRESENTATIONS AS TO THE COMPLETENESS OR ACCURACY THEREOF. INFORMATION IS SUPPLIED UPON THE CONDITION THAT THE PERSONS RECEIVING SAME WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE. IN NO EVENT WILL ROYAL ADHESIVES & SEALANTS LLC BE RESPONSIBLE FOR DAMAGES OF ANY NATURE WHATSOEVER RESULTING FROM THE USE OF OR RELIANCE UPON INFORMATION. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OF ANY NATURE ARE MADE HERE-UNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.