

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number: G
MSDS Date: JUN-20-2005
Page Number: 1 of 7

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: DOUBLE BUBBLE ORANGE
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: POLYAMIDE
Trade Name: DOUBLE BUBBLE ORANGE
Product Code: (04007) PART B

SECTION II - INGREDIENT AND HAZARD INFORMATION

Hazardous Ingredients	CAS Number
TRADE SECRET	TRADE SECRET
KAOLIN	TRADE SECRET
TRADE SECRET	TRADE SECRET
FUMED SILICA	TRADE SECRET
TERTIARY AMINE	TRADE SECRET
TITANIUM DIOXIDE	TRADE SECRET
CARBON BLACK	TRADE SECRET

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

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number: G
MSDS Date: JUN-20-2005
Page Number: 2 of 7

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT:

CORROSIVE TO THE EYES AND MAY CAUSE SEVERE DAMAGE INCLUDING BLINDNESS. VAPORS MAY BE IRRITATING.

SKIN CONTACT:

CORROSIVE TO THE SKIN. MAY CAUSE SENSITIZATION. SKIN SENSITIZATION MAY BE EVIDENCED BY RASHES, ESPECIALLY HIVES.

INHALATION:

VAPORS MAY BE CORROSIVE TO THE UPPER RESPIRATORY TRACT. REPEATED OR PROLONGED EXPOSURE CAN RESULT IN LUNG DAMAGE. LUNG DAMAGE MAY BE EVIDENCED BY SHORTNESS OF BREATH, ESPECIALLY ON EXERTION, AND MAY BE ACCOMPANIED BY A CHRONIC COUGH.

INGESTION:

CORROSIVE AND MAY CAUSE SEVERE AND PERMANENT DAMAGE TO MOUTH, THROAT AND STOMACH.

AGGRAVATED MEDICAL CONDITIONS:

PREEXISTING EYE, SKIN AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

HEALTH HAZARD INFORMATION:

HAZARDOUS FILLER WARNING FOR CARBON BLACK:

THIS FORMULA CONTAINS HAZARDOUS FILLERS WHICH ARE NOT HAZARDOUS IN A WET OR ENCAPSULATED STATE. HOWEVER, IF A FORMULA CONTAINING A HAZARDOUS FILLER IS REDUCED TO A RESPIRABLE FRACTION BY GRINDING OR PUTTING INTO AN AIRBORNE POWDER, THE POWDER IS CONSIDERED A HAZARDOUS MATERIAL. IARC CLASSIFICATION FOR CARBON BLACK POWDER IS GROUP 2B (POSSIBLY CARCINOGENIC TO HUMANS).

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:

WIPE EXCESS FROM SKIN AND FLUSH WITH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. LAUNDRER CLOTHING, DISCARD LEATHER CLOTHING.

INHALATION:

REMOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number G
MSDS Date: JUN-20-2005
Page Number: 3 of 7

DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

INGESTION:

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

USE WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE. WATER OR FOAM MAY CAUSE FROTHING. USE WATER TO COOL FIRE-EXPOSED CONTAINERS. IF A LEAK OR SPILL HAS NOT IGNITED, USE WATER SPRAY TO DISPERSE THE VAPORS AND PROVIDE PROTECTION TO THE PEOPLE ATTEMPTING TO STOP THE LEAK. USE FULL TURNOUT GEAR INCLUDING SELF-CONTAINED BREATHING APPARATUS (SCBA). FIRE EXPOSED CONTAINERS MAY BUILD PRESSURE AND BURST.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:

SHUT OFF ALL IGNITION SOURCES AND DIKE SPILL TO CONTAIN AND PREVENT ENTRY INTO SEWERS OR WATER SOURCES. ABSORB SPILLED MATERIAL AND PLACE IN CLOSED CONTAINER FOR DISPOSAL. CONTROLLED INCINERATION. HANDLE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL ENVIRONMENTAL PROTECTION AGENCY REGULATIONS.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:

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

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number: G
MSDS Date: JUN-20-2005
Page Number: 4 of 7

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
KAOLIN	10.0000 mg/M3	N/est	N/est	N/est	15.0000 mg/M3
TRADE SECRET	N/est	N/est	N/est	N/est	N/est
FUMED SILICA	10.0000 mg/M3	N/est	N/est	N/est	N/est
TERTIARY AMINE	N/est	N/est	N/est	N/est	N/est
TITANIUM DIOXIDE	10.0000 mg/M3	N/est	N/est	N/est	15.0000 mg/M3
CARBON BLACK	3.5000 mg/M3	N/est	N/est	N/est	N/est

PERSONAL PROTECTIVE EQUIPMENT:

IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL OR VENTILATION, WEAR A RESPIRATOR APPROVED BY NIOSH/MSHA WHENEVER EXPOSED TO FUMES OR VAPORS. COMPLY WITH OSHA 1910.134 (CFR). SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS. LOCAL EXHAUST IS RECOMMENDED. USE CHEMICAL RESISTANT PROTECTIVE GLOVES, CHEMICAL SPLASH GOGGLES. CHEMICAL RESISTANT PROTECTIVE CLOTHING TO MINIMIZE EXPOSURE; CHEMICAL SPLASH APRON, FULL FACE SHIELD. EYE WASH STATION AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: LIQUID
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Available
Melting Point: Not Applicable
Evaporation Rate: Unavailable

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number G
MSDS Date: JUN-20-2005
Page Number: 5 of 7

% Volatile Not Available
Specific Gravity: 1.23
VOC 103.3 GM/LITER*

OTHER INFORMATION:
*VOC CONTENT WAS TESTED VIA EPA METHOD 24

SECTION X - STABILITY AND REACTIVITY

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

REACTIVITY:

INCOMPATIBILITY:

OXIDIZING AGENTS, CLEANING SOLUTIONS SUCH AS CHROMERGE/AQUA REGIA.
CONDITIONS TO AVOID:
HIGH TEMPERATURES.

HAZARDOUS DECOMPOSITION PRODUCTS:

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA.

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
UN Pack Group
UN Class

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number: G
MSDS Date: JUN-20-2005
Page Number: 6 of 7

ICAO/IATA Class	NOT REGULATED
IMDG Class	NOT REGULATED
Shipping Name	PLASTIC LIQUID, N.O.S.
ADR/RID Class	NOT REGULATED
DOT Hazard Class	
Technical Name	

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:

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

INVENTORY STATUS:

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE BEEN FOUND ON THE FOLLOWING INVENTORIES:

UNITED STATES

ALL THE COMPONENT(S) OF THIS PRODUCT HAVE NOT YET BEEN IDENTIFIED ON THE FOLLOWING INVENTORIES:

EUROPE
CANADA
AUSTRALIA
JAPAN
KOREA
CHINA
PHILIPPINES

SCHEDULE B NUMBER:

3506.91.0000 IS THE SCHEDULE B EXPORT CLASSIFICATION NUMBER.

PROPOSITION 65 INFORMATION:

04007 PART B DOES NOT CONTAIN ANY CHEMICAL, KNOWN BY THE STATE OF CALIFORNIA, TO CAUSE CANCER/REPRODUCTIVE TOXICITY.

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 & SEALANTS LLC MAKES NO REPRESENTATIONS AS TO THE COMPLETENESS OR ACCURACY THEREOF. INFORMATION IS SUPPLIED UPON

MATERIAL SAFETY DATA SHEET

MSDS Name: DOUBLE BUBBLE ORANGE
MSDS Number: 13230#2
Version Number: G
MSDS Date: JUN-20-2005
Page Number: 7 of 7

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.