SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: WS-8020 RC CLASS B 1/2 PART A
Hazard Rating: Health: 2  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 ACCELERATOR
Trade Name WS-8020 RC CLASS B 1/2 PART A
Product Code CF152-1

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredients CAS Number
MANGANESE COMPOUNDS (N-420) N-420
PLASTICIZER TRADE SECRET
ACCELERATOR MIXTURE TRADE SECRET
ZINC STERATE (N982) 557-05-1
FUMED SILICA TRADE SECRET

*** ALL Ingredients in this product are listed in the T.S.C.A. Inventory.
HAZARDOUS INGREDIENT | CAS NUMBER | %
-----------------------|------------|------
MANGANESE DIOXIDE      | 1313-13-9  | 30.0 - 60.0
ZINC STEARATE          | 557-05-1   | 0.5 - 1.5
PLASTICIZER            | TRADE SECRET | 40.0 - 50.0
ACCELERATOR           | TRADE SECRET | 1.0 - 10.0

TRADE SECRET REFER TO 29 CFR 1910.1200

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT:
  IRRITATING TO THE EYES.

SKIN CONTACT:
  IRRITATING TO THE SKIN.

INHALATION:
  NO HEALTH EFFECTS ARE EXPECTED IN THE PASTE/LIQUID FORM. IF DUST IS PRODUCED IN HIGH CONCENTRATIONS IT MAY CAUSE LUNG IRRITATION AND CENTRAL NERVOUS SYSTEM (CNS) DISORDERS.

INGESTION:
  HARMFUL. REPEATED EXPOSURE CAN CAUSE PERMANENT BRAIN DAMAGE. EARLY SYMPTOMS INCLUDE POOR APPETITE, WEAKNESS AND SLEEPINESS. LATER EFFECTS INCLUDE CHANGES IN SPEECH, MOOD AND PERSONALITY, A LOSS OF FACIAL EXPRESSION, POOR MUSCLE COORDINATION, MUSCLE CRAMPS, TWITCHING AND TREMORS. MAY DAMAGE THE LIVER.

HEALTH HAZARD INFORMATION:
HAZARDOUS INGREDIENT WARNING FOR MANGANESE DIOXIDE:
  THIS FORMULA CONTAINS HAZARDOUS FILLERS WHICH ARE NOT HAZARDOUS IN A WET OR ENCAPSULATED STATE. HOWEVER, IF A FORMULA CONTAINING MANGANESE DIOXIDE IS REDUCED TO A RESPIRABLE FRACTION BY GRINDING OR PUTTING INTO AN AIRBORNE POWDER, THE POWDER IS CONSIDERED A HAZARDOUS MATERIAL.

SECTION IV - FIRST AID MEASURES
MATERIAL SAFETY DATA SHEET

MSDS Name: WS-8020 RC CLASS B 1/2 PART A
MSDS Number: CF152-1
Version Number: B
MSDS Date: SEP-16-2008
Page Number: 3 of 8

EYE CONTACT:
FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION.

SKIN CONTACT:
REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. LAUNDRER CONTAMINATED CLOTHING. DESTROY LEATHER ARTICLES INCLUDING SHOES.

INHALATION:
REMOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION:
GET IMMEDIATE MEDICAL ATTENTION.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class: N/A
Flash Range: Not Available
Setaflash
>230°F

Explosive Range: Not Available

FIRE-FIGHTING MEASURES:
USE WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE.
WEAR PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS.
POTENTIALLY POWERFUL OXIDIZER, MUST NOT BE HEATED IN THE PRESENCE OF EASILY OXIDIZABLE MATERIALS. COMBUSTION MAY PRODUCE ACID GASES (HYDROGEN CHLORIDE).

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:
SHUT OFF ALLIGNITION SOURCES.
COLLECT SPILLED MATERIAL AND PLACE IN A CLOSED CONTAINER FOR DISPOSAL.

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

<table>
<thead>
<tr>
<th>Occupational Exposure Limits</th>
<th>ACGIH TLV</th>
<th>ACGIH TLV-C</th>
<th>ACGIH STEL</th>
<th>OSHA STEL</th>
<th>OSHA PEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANGANESE COMPOUNDS (N-420)</td>
<td>5.0000 mg/M3</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
</tr>
<tr>
<td>PLASTICIZER</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
</tr>
<tr>
<td>ACCELERATOR MIXTURE</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
</tr>
<tr>
<td>ZINC STERATE (N982)</td>
<td>10.0000 mg/M3</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>15.0000 mg/M3</td>
</tr>
<tr>
<td>FUMED SILICA</td>
<td>10.0000 mg/M3</td>
<td>N/est</td>
<td>N/est</td>
<td>N/est</td>
<td>10.0000 mg/M3</td>
</tr>
</tbody>
</table>

PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATORS ARE NOT NORMALLY REQUIRED WHEN WORKING WITH THIS PRODUCT.


USE CHEMICAL RESISTANT PROTECTIVE GLOVES. (NEOPRENE RUBBER, BUTYL)

USE SAFETY GLASSES OR GOGGLES FOR EYE PROTECTION.

USE CHEMICAL APRON TO KEEP PRODUCT OFF CLOTHING.

EYE WASH AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: PASTE
Appearance/Color: BLACK
Odor: SLIGHT
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Available
Melting Point: Not Available
Evaporation Rate: Unavailable
% Volatile: 0.0%
Specific Gravity: 1.76
VOC: 398. GM/L

SECTION X - STABILITY AND REACTIVITY

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

REACTIVITY:
INCOMPATIBILITY:
OXIDIZING AGENTS, REDUCING AGENTS, STRONG ALKALI, HYDROCHLORIC ACID, ALUMINUM POWDER, DIBORON TETRAFLUORIDE, HYDROGEN PEROXIDE, DIRUBIDIUM ACETYLIDE, PEROXOMONOSULPHURIC ACID, ACIDS AND SALTS, CHLORATES, POTASSIUM/SODIUM AZIDE, AND CHLORINE TRIFLOURIDE.

CONDITIONS TO AVOID:
HIGH TEMPERATURES. OPEN FLAME.

HAZARDOUS DECOMPOSITION PRODUCTS:
OXIDES OF CARBON, HYDROGEN CHLORIDE, OTHER HYDROCARBON PRODUCTS.

SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm) Oral Skin Inhale LC50

TOXICOLOGICAL INFORMATION:
CARCINOGENICITY:
THIS PRODUCT CONTAINS NO CARCINOGENIC CHEMICALS AS IDENTIFIED BY OSHA, IARC AND NTP.

HUMAN EXPOSURE - MANGANESE DIOXIDE
MALE WORKERS IN AN ALKALINE BATTERY PLANT IN BELGIUM EXPOSED TO MANGANESE DIOXIDE WERE THE SUBJECT OF A CROSS-SECTIONAL EPIDEMIOLOGICAL INVESTIGATION. EVALUATION OF THE SUBJECTS INCLUDED TESTS FOR NEUROBEHAVIORAL FUNCTION, LUNG FUNCTION, HEMATOLOGICAL PARAMETERS AND URINALYSIS. EXPOSED WORKERS SHOWED SIGNIFICANT DIFFERENCES IN PERFORMANCE ON TESTS OF VISUAL REACTION TIME, EYE-HAND COORDINATION, AND HAND TREMOR. OCCUPATIONAL-LIFETIME INTEGRATED RESPIRATORY DUST (IRD) LEVELS RANGED FROM 0.04-4.43 mg Mn/m3-yr WITH A GEOMETRIC MEAN OF 0.793 mg Mn/m3-yr. AVERAGE EXPOSURE TIME WAS 5.3 YEARS, WITH A RANGE OF 0.2-17.7 YEARS.
THE AUTHORS GROUPED THE WORKERS INTO THREE EXPOSURE GROUPS BASED ON IRD LEVELS: <0.6, 0.6-1.2 and >1.2 mg Mn/m3-yr.

ALTHOUGH THERE WAS AN INDICATION OF A LINEAR DOSE-RELATED TRENDS FOR VISUAL REACTION TIME AND HAND STEADINESS, THE AUTHORS CONCLUDED THAT "ANALYSIS OF THE DATA ON A GROUP BASIS....DOES NOT PERMIT US TO IDENTIFY A THRESHOLD EFFECT LEVEL FOR AIRBORNE Mn". A DAILY AVERAGE EXPOSURE LEVEL OF 0.15 mg Mn/m3 WAS DERIVED BY DIVIDING THE GEOMETRIC MEAN OF THE IRD (0.793 mg Mn/m3-yr) BY THE AVERAGE EXPOSURE TIME (5.3 YEARS).

ANOTHER STUDY OF 141 MALE WORKERS PLUS 104 MATCHED CONTROL WORKERS WERE EXAMINED FOR EFFECTS OF EXPOSURE TO MnO2, MANGANESE TETROXIDE, AND OTHER MANGANESE SALTS. TESTS MEASURING VISUAL REACTION TIME AND EYE-HAND STEADINESS WERE CONDUCTED. THE AUTHORS CONCLUDED THAT "ANALYSIS OF THE DATA ON THE GROUP BASIS....DOES NOT PERMIT US TO IDENTIFY A THRESHOLD EFFECT LEVEL FOR AIRBORNE Mn." A DAILY AVERAGE EXPOSURE LEVEL OF 0.15 mg Mn/m3 WAS DERIVED BY DIVIDING THE GEOMETRIC MEAN OF THE IRD (0.793 mg Mn/m3-yr) BY THE AVERAGE EXPOSURE TIME (5.3 YEARS).

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 N/A
UN Pack Group N/A
UN Class N/A
ICAO/IATA Class NOT REGULATED
IMDG Class NOT REGULATED
Shipping Name POLYSULPHIDE ACCELERATOR PASTE
ADR/RID Class NOT REGULATED
DOT Hazard Class
Technical Name
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:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANGANESE COMPOUNDS (N-420)</td>
<td>N-420</td>
<td>30 - 60</td>
</tr>
<tr>
<td>ZINC STERATE (N982)</td>
<td>557-05-1</td>
<td>0.5 - 1.5</td>
</tr>
</tbody>
</table>

SECTION XV - REGULATORY INFORMATION

-PROP 65 (BOTH CARCINOGEN AND TERATOGEN)
This product does NOT contain any chemicals known to the state of California to cause cancer or birth defects or other reproductive harm.

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

SECTION XVI - OTHER INFORMATION

DISCLAIMER:
ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREBIN (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 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 HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.
MATERIAL SAFETY DATA SHEET

MSDS Name: WS-8020 RC CLASS B 1/2 PART B
MSDS Number: CF151-2
Version Number B
MSDS Date: SEP-16-2008
Page Number: 1 of 7

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: WS-8020 RC CLASS B 1/2 PART B
Hazard Rating: Health: 2  Fire: 3  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
ENVIROMENTAL SPECIALIST

Product Class POLYSULPHIDE
Trade Name WS-8020 RC CLASS B 1/2 PART B
Product Code CF151-2

SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredients CAS Number
POLYSULPHIDE ELASTOMER 68611-50-7
POLYSULPHIDE POLYMER TRADE SECRET
SILICON DIOXIDE TRADE SECRET
ETHYL ACETATE 141-78-6
TITANIUM DIOXIDE 13463-67-7
TRADE SECRET TRADE SECRET
SULPHUR 7704-34-9

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


MATERIAL SAFETY DATA SHEET

MSDS Name: WS-8020 RC CLASS B 1/2 PART B
MSDS Number: CF151-2
Version Number: B
MSDS Date: SEP-16-2008
Page Number: 2 of 7

<table>
<thead>
<tr>
<th>HAZARDOUS INGREDIENT</th>
<th>CAS NUMBER</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLYSULPHIDE ELASTOMER</td>
<td>68611-50-7</td>
<td>50.0 - 60.0</td>
</tr>
<tr>
<td>POLYSULPHIDE POLYMER</td>
<td></td>
<td>&lt; 10.0</td>
</tr>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>1.0 - 10.0</td>
</tr>
<tr>
<td>SILICA, QUARTZ, IN LIMESTONE</td>
<td>14808-60-7</td>
<td>&lt; 0.1</td>
</tr>
<tr>
<td>SULPHUR</td>
<td>7704-34-9</td>
<td>&lt; 0.5</td>
</tr>
<tr>
<td>ETHYL ACETATE</td>
<td>141-78-6</td>
<td>&lt; 5.0</td>
</tr>
<tr>
<td>PHENOLIC RESIN</td>
<td>TRADE SECRET</td>
<td>&lt; 5.0</td>
</tr>
</tbody>
</table>

TRADE SECRET REFER TO 29 CFR 1910.1200

SECTION III - HAZARDS IDENTIFICATION

EYE CONTACT:
PRODUCT/VAPOR MAY CAUSE EYE IRRITATION.

SKIN CONTACT:
PRODUCT/VAPOR MAY CAUSE SKIN IRRITATION.

INHALATION:
INHALATION OF VAPOR COULD CAUSE HEADACHES, NAUSEA, DIZZINESS AND RESPIRATORY TRACT IRRITATION.

INGESTION:
MAY BE HARMFUL IF SWALLOWED.

SECTION IV - FIRST AID MEASURES

EYE CONTACT:
FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN.
SKIN CONTACT:
REMOVE CONTAMINATED CLOTHING AND WIPE EXCESS FROM SKIN. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. LAUNDER CONTAMINATED CLOTHING.

INHALATION:
REMOVE PERSON TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.

INGESTION:
SEEK MEDICAL ATTENTION. CONSULT PHYSICIAN OR MEDICAL CENTER FOR ADVICE ABOUT WHETHER TO INDUCE VOMITING. IF POSSIBLE, DO NOT LEAVE INDIVIDUAL UNATTENDED.

SECTION V - FIRE-FIGHTING MEASURES

Flammability Class: N/A
Flash Range: Not Available
Setaflash: 96.8F

Explosive Range: Not Available

FIRE-FIGHTING MEASURES:
USE WATER FOG, DRY CHEMICAL, FOAM, CARBON DIOXIDE.

IN A FIRE CONDITION PRODUCT WILL GENERATE OXIDES OF SULPHUR AND TRACE AMOUNTS OF PHENOL AND FORMALDEHYDE.

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILLS:
SHUT OFF ALL IGNITION SOURCES.
COLLECT SPILLED MATERIAL AND PLACE IN A CLOSED CONTAINER FOR DISPOSAL.

SECTION VII - HANDLING AND STORAGE

STORAGE CONDITIONS:
STORE IN A COOL, DRY PLACE. KEEP AWAY FROM OPEN FLAMES AND HIGH TEMPERATURES. KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
ACGIH TLV   ACGIH TLV-C   ACGIH STEL   OSHA STEL   OSHA PEL
POLYSULPHIDE ELASTOMER
   N/est    N/est    N/est    N/est    N/est

POLYSULPHIDE POLYMER
   N/est    N/est    N/est    N/est    N/est

SILICON DIOXIDE
   10.0000 mg/M3    N/est    N/est    N/est    5.0000 mg/M3

ETHYL ACETATE
   400.0000 PPM    N/est    N/est    N/est    400.0000 PPM

TITANIUM DIOXIDE
   10.0000 mg/M3    N/est    N/est    N/est    N/est

TRADE SECRET
   N/est    N/est    N/est    N/est    N/est

SULPHUR
   N/est    N/est    N/est    N/est    N/est

PERSONAL PROTECTIVE EQUIPMENT:
RESPIRATORS ARE NOT NORMALLY REQUIRED WHEN WORKING WITH THIS PRODUCT.

IN THE ABSENCE OF ADEQUATE VENTILATION, NIOSH-CERTIFIED RESPIRATORY
PROTECTION FOR ORGANIC VAPOR SHOULD BE USED AS NECESSARY.

USE CHEMICAL RESISTANT PROTECTIVE GLOVES. (NEOPRENE RUBBER)

USE SAFETY GLASSES OR GOGGLES FOR EYE PROTECTION.

USE CHEMICAL APRON TO KEEP PRODUCT OFF CLOTHING.

EYE WASH AND SAFETY SHOWER SHOULD BE AVAILABLE FOR EMERGENCY USE.

EXPOSURE LIMITS (PARTICULATES AND/OR OTHER AS NOTED):
PARTICULATE EXPOSURE:

THE CHART ABOVE EXHIBITS THE ACGIH LIMIT FOR TOTAL PARTICULATES NOT
OTHERWISE CLASSIFIED OF 10 mg/M3 AS THE GENERIC PARTICULATE EXPOSURE
LIMIT REFERENCE WHEN NO SPECIFIC SUBSTANCE LIMIT HAS BEEN ESTABLISHED.
SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: PASTE
Appearance/Color: OFF WHITE
Odor: POLYSULPHIDE
Boiling Range: Not Available
Vapor Pressure (mmHg): Not Available
Melting Point: Not Available
Evaporation Rate: Unavailable

% Volatile: 4.14%
Specific Gravity: 1.44
VOC: 61.3 gm/L

SECTION X - STABILITY AND REACTIVITY

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

REACTIVITY:
INCOMPATIBILITY:
OXIDIZING AGENTS.
CONDITIONS TO AVOID:
HIGH TEMPERATURES. AVOID STATIC DISCHARGE. FLAMMABLE VAPORS CAN BE RELEASED AT HIGH TEMPERATURES.
HAZARDOUS DECOMPOSITION PRODUCTS:
CARBON MONOXIDE AND CARBON DIOXIDE. OXIDES OF SULPHUR. TRACE AMOUNTS OF FORMALDEHYDE, PHENOL, HYDROGEN SULPHIDE.

SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm) Oral Skin Inhale LC50

TOXICOLOGICAL INFORMATION:
CARCINOGENICITY:
TRACE AMOUNTS OF FORMALDEHYDE ARE PRESENT IN THE MIXTURE. HOWEVER, IT IS UNLIKELY THAT THIS CHEMICAL WILL BE RELEASED AS THE CURING PROCESS IS AT AMBIENT TEMPERATURE. FORMALDEHYDE GAS IS A POTENTIAL CARCINOGEN AND IS LISTED BY OSHA, IARC (GROUP I) AND NTP (GROUP 2).
SECTION XII - ECOLOGICAL INFORMATION

INFORMATION BELOW IS FOR POLYSULPHIDE POLYMER.

ACUTE FISH TOXICITY - LC50: (96h) > 1000 mg/l (Cyprinodon variegatus)
LC50: (96h) 320 mg/l (Pimephales promelas)
LC0: (48h) 2.5 mg/l (Leuciscus idus DIN 38412-L31)

ACUTE DAPHNIA TOXICITY - EC50: (24h) > 20mg/l (Daphnia magna) DIN 38412-L11
EC50: (48h) 4.71 mg/l (Daphnia magna) DIN 38412-L11

ALGAE TOXICITY - EC50: 17 mg/l (Scenedesmus subspicatus) DIN 38412-L9
EC50: (72h) < 100 mg/l (Selenastrum capricornutum)

BACTERIAL TOXICITY - EC10: 470 mg/l DIN EN ISO 10712
EC10: (17h) 51.5 mg/l (Pseudomonas putida) DIN 38412-L8

PERSISTANCE AND DEGRADABILITY - PRODUCT IS NOT EASILY BIODEGRADEABLE.

SECTION XIII - DISPOSAL CONSIDERATIONS

RCRA CONSIDERATIONS:
UNCURED THIS PRODUCT IS RCRA HAZARDOUS BECAUSE IT CONTAINS ONE OR MORE IGNITABLE INGREDIENTS. THE RCRA CLASSIFICATION FOR DISPOSAL OF UNCURED MATERIAL IS D-001.

SECTION XIV - TRANSPORT INFORMATION

UN Number               1133
UN Pack Group           III
UN Class                3
ICAO/IATA Class         3
IMDG Class              3
Shipping Name           ADHESIVES (CONTAINING ETHYL ACETATE)
ADR/RID Class           3
DOT Hazard Class
Technical Name
THE PACKING GROUP ASSIGNMENT FOR THIS MATERIAL IS BASED ON 49 CFR 173.121. PG III MAY BE USED PROVIDED THE CAPACITY OF PACKAGING IS NOT MORE THAN 30 L (7.9 GALLONS).

SECTION XV - REGULATORY INFORMATION

-PROP 65 (BOTH CARCINOGEN AND TERATOGEN)
  WARNING: This product may contain a chemical known to the state of California to cause cancer or birth defects or other reproductive harm.

ACETALDEHYDE (Cancer)
FORMALDEHYDE GAS (Cancer)

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 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 HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.