

## Safety Data Sheet

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1 Product identifier**

- Product Name** ● **ATM Water Base Primer**  
**Product Code** ● 19-099; 19-100; 19-101; 19-102

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

- Relevant identified use(s)** ● Highway tape adhesive primer

**1.3 Details of the supplier of the safety data sheet**

- Manufacturer** ● Patch Rubber Company  
100 Patch Rubber Road  
Weldon, NC 27890  
United States
- Telephone (General)** ● (252)-536-2574
- Responsible party** ● Christian Gimenez  
Intertek Analytical Services France  
France

- Telephone (Technical)** ● 33 (0) 6 07 11 22 15

**1.4 Emergency telephone number**

- Manufacturer** ● 1-800-424-9300 - CHEMTREC  
**Manufacturer** ● +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

**Section 2: Hazards Identification****EU/EEC**

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

**2.1 Classification of the substance or mixture**

- CLP** ● Skin Irritation 2 - H315  
Skin Sensitization 1 - H317  
Respiratory Sensitization 1 - H334
- DSD/DPD** ● Irritant (Xi)  
R38, R42/43

## 2.2 Label Elements

CLP

**DANGER**

- Hazard statements**
- H315 - Causes skin irritation
  - H317 - May cause an allergic skin reaction
  - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled

### Precautionary statements

- Prevention**
- P261 - Avoid breathing mist/vapours/spray.
  - P264 - Wash thoroughly after handling.
  - P272 - Contaminated work clothing should not be allowed out of the workplace.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P285 - In case of inadequate ventilation wear respiratory protection.
- Response**
- P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
  - P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
  - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
  - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
  - P362 - Take off contaminated clothing and wash before reuse.
  - P321 - Specific treatment, see supplemental first aid information.

- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

DSD/DPD



- Risk phrases**
- R38 - Irritating to skin.
  - R42/43 - May cause sensitisation by inhalation and skin contact.

- Safety phrases**
- S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 2.3 Other Hazards

CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

DSD/DPD

- According to European Directive 1999/45/EC this preparation is considered dangerous.

## United States (US)

According to OSHA 29 CFR 1910.1200 HCS

### 2.1 Classification of the substance or mixture

OSHA HCS 2012

- Skin Irritation 2 - H315
- Skin Sensitization 1A - H317
- Respiratory Sensitization 1 - H334

### 2.2 Label elements

OSHA HCS 2012

**DANGER**

- Hazard statements**
- Causes skin irritation - H315
  - May cause an allergic skin reaction - H317
  - May cause allergy or asthma symptoms or breathing difficulties if inhaled - H334

### Precautionary statements

- Prevention**
- Avoid breathing mist/vapours/spray. - P261
  - Wash thoroughly after handling. - P264
  - Contaminated work clothing should not be allowed out of the workplace. - P272
  - Wear protective gloves/protective clothing/eye protection/face protection. - P280
  - In case of inadequate ventilation wear respiratory protection. - P285
- Response**
- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P341
  - If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician. - P342+P311
  - IF ON SKIN: Wash with plenty of soap and water. - P302+P352
  - If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
  - Take off contaminated clothing and wash before reuse. - P362
  - Specific treatment, see supplemental first aid information. - P321
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

### 2.3 Other hazards

#### OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

### According to WHMIS

### 2.1 Classification of the substance or mixture

#### WHMIS

- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

### 2.2 Label elements

#### WHMIS



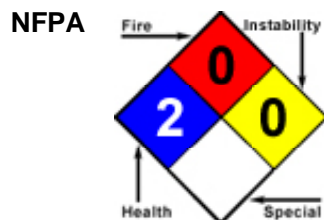
- Other Toxic Effects - D2A
- Other Toxic Effects - D2B

### 2.3 Other hazards

#### WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

### 2.4 Other information



See Section 12 for Ecological Information.

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Rubber, natural	CAS:9006-04-6 UN:UN1287 EINECS:232-689-0	<= 30.04%	NDA	EU DSD/DPD: Self Classified - Xi; R38 R42/R43 EU CLP: Self Classified - Skin Irrit. 2, H319; Skin Sens. 1, H317; Resp. Sens. 1, H334 OSHA HCS 2012: Skin Irrit. 2; Skin Sens. 1A; Resp. Sens. 1	NDA
Ammonium hydroxide	CAS:1336-21-6 EC Number:215-647-6	0.1802%	Ingestion/Oral-Rat LD50 • 350 mg/kg	EU DSD/DPD: Annex I - C; R34 N; R50 EU CLP: Annex VI - Skin Corr. 1B, H314; Aquatic Acute 1, H400 OSHA HCS 2012: Acute Tox. 4 (oral); Eye Irrit. 2	NDA
Disulfide, bis (dimethylthiocarbamoyl)	CAS:137-26-8 EC Number:205-286-2	< 0.015%	Ingestion/Oral-Rat LD50 • 560 mg/kg Inhalation-Rat LC50 • 500 mg/m <sup>3</sup> 4 Hour(s)	EU DSD/DPD: Annex I - Xn; R20/22 R48/22 Xi; R36/38 R43 N; R50-53 EU CLP: Annex VI - Acute Tox. 4* H332; Acute Tox. 4* H302; STOT RE 2* H373** Eye Irrit. 2, H319; Skin Irrit. 2, H315; Skin Sens. 1, H317; Aquatic Acute 1, H400; Aquatic Chronic 1, H410 M=10 OSHA HCS 2012: Acute Tox. 4 (oral); Acute Tox. 1 (inhalation); STOT RE 2; Eye Irrit. 2; Skin Irrit. 2; STOT SE 3: Resp. Irrit.; Skin Sens. 1	NDA
2-amino-2-methyl-1-propanol	CAS:124-68-5 EC Number:204-709-8	<= 0.0002%	Ingestion/Oral-Rat LD50 • 2900 mg/kg	EU DSD/DPD: Annex I - Xi; R36/38 R52-53 EU CLP: Annex IV - Eye Irrit. 2; H319; Skin Irrit. 2; H315; Aquatic Chronic 3, H412 OSHA HCS 2012: Skin Irrit. 2	NDA

See Section 11 for Toxicological Information. See section 16 for full text of H-statements and R-phrases.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

#### Skin

- IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If irritation develops and persists, get medical attention.

#### Eye

- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- Do not use mouth-to-mouth method if victim ingested the substance.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

#### Notes to Physician

- Treat symptomatically and supportively. No special treatment necessary specifically

related to this material.

See Section 2 for Potential Health Effects.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

**Suitable Extinguishing Media**

- SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.
- LARGE FIRE: Water spray, fog or regular foam.

**Unsuitable Extinguishing Media**

- None known.

### 5.2 Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards**

- Material is non-combustible and is not expected to pose a fire or explosion hazard.

**Hazardous Combustion Products**

- None known.

### 5.3 Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
- LARGE FIRES: Dike fire-control water for later disposal.

## Section 6 - Accidental Release Measures

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal Precautions**

- Avoid breathing vapor or mist. Avoid contact with skin and eyes. Wear appropriate Personal Protective Equipment (PPE).

**Emergency Procedures**

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. Ventilate closed spaces before entering.

### 6.2 Environmental precautions

- Avoid run off to waterways and sewers.

### 6.3 Methods and material for containment and cleaning up

**Containment/Clean-up Measures**

- Absorb with earth, sand or other non-combustible material.

### 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

**Handling**

- Wear appropriate personal protective equipment. Avoid contact with skin and eyes. Use only with adequate ventilation. Individuals with known or suspected latex allergies should avoid all contact with this material.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage**

- Store in a well-ventilated place. Keep container tightly closed.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	France	Germany DFG
Disulfide, bis (dimethylthiocarbamoyl) (137-26-8)	TWAs	0.05 mg/m3 TWA (inhalable fraction and vapor)	0.05 mg/m3 TWA (inhalable fraction and vapor, listed under Thiram)	5 mg/m3 TWAEV	5 mg/m3 TWA [VME]	Not established
	Ceilings	Not established	Not established	Not established	Not established	2 mg/m3 Peak (inhalable fraction)
	MAKs	Not established	Not established	Not established	Not established	1 mg/m3 TWA MAK (inhalable fraction)
Rubber, natural (9006-04-6)	TWAs	0.0001 mg/m3 TWA (inhalable fraction, as inhalable allergenic proteins)	0.0001 mg/m3 TWA (inhalable, as inhalable allergenic proteins)	Not established	Not established	Not established

Exposure Limits/Guidelines (Con't.)				
	Result	Germany TRGS	NIOSH	OSHA
2-amino-2-methyl-1-propanol (124-68-5)	TWAs	1 ppm TWA AGW (exposure factor 2); 4.6 mg/m3 TWA AGW (exposure factor 2)	Not established	Not established
Disulfide, bis (dimethylthiocarbamoyl) (137-26-8)	TWAs	1 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, inhalable fraction, exposure factor 2)	5 mg/m3 TWA	5 mg/m3 TWA

### Exposure Control Notations

#### Germany TRGS

•Rubber, natural (9006-04-6): **Sensitizers:** (Respiratory sensitizer (May cause sensitization by inhalation; May cause allergy or asthma symptoms of breathing difficulties if inhaled, listed under Substances or substance groups with sufficient scientific evidence showing sensitizing effects); Skin sensitizer (May cause sensitization by skin contact; May cause an allergic skin reaction, listed under Substances or substance groups with sufficient scientific evidence showing sensitizing effects))

#### Germany DFG

- Rubber, natural (9006-04-6): **Sensitizers:** (respiratory and skin sensitizer)
- Disulfide, bis(dimethylthiocarbamoyl) (137-26-8): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Sensitizers:** (skin sensitizer)

### 8.2 Exposure controls

#### Engineering Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

#### Personal Protective Equipment

##### Pictograms



##### Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment. If material is being applied through a spray application process respiratory protection should be

worn at all times.

**Eye/Face**

- Wear safety glasses.

**Skin/Body**

- Wear protective gloves and clothing .

**Environmental Exposure Controls**

- Follow best practice for site management and disposal of waste.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene

STEV = Short Term Exposure Value

NIOSH = National Institute of Occupational Safety and Health

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

TWAEV = Time-Weighted Average Exposure Value

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

STEL = Short Term Exposure Limits are based on 15-minute exposures

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Data lacking
Color	Data lacking	Odor	Data lacking
Odor Threshold	Data lacking		
<b>General Properties</b>			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	0.98 Water=1	Density	8.16 lbs/gal
Water Solubility	Data lacking	Viscosity	Not relevant
Explosive Properties	Data lacking	Oxidizing Properties:	Data lacking
<b>Volatility</b>			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Not relevant.		
<b>Environmental</b>			
Octanol/Water Partition coefficient	Data lacking		

### 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability



- Stable under normal temperatures and pressures.

### 10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### 10.4 Conditions to avoid

- Extreme temperatures. Incompatible materials.

### 10.5 Incompatible materials

- Strong oxidizing agents, alkali metals.

### 10.6 Hazardous decomposition products

- Hydrocarbons, Carbon Oxides from dried solids.

## Section 11 - Toxicological Information

### 11.1 Information on toxicological effects

Component Name	CAS	Data
Ammonium hydroxide (0.1802%)	1336-21-6	<b>Acute Toxicity:</b> orl-rat LD50:350 mg/kg; <b>Irritation:</b> eye-rbt 1 mg/30S rinse SEV; eye-rbt 44 ug SEV
Disulfide, bis(dimethylthiocarbamoyl) (< 0.015%)	137-26-8	<b>Acute Toxicity:</b> orl-rat LD50:560 mg/kg; ihl-rat LC50:500 mg/m <sup>3</sup> /4H; <b>Irritation:</b> eye-rbt 100 mg/24H MOD; <b>Reproductive:</b> orl-rat TDLo:1200 mg/kg (7-12D preg)
2-amino-2-methyl-1-propanol (<= 0.0002%)	124-68-5	<b>Acute Toxicity:</b> orl-rat LD50:2900 mg/kg

GHS Properties	Classification
<b>Acute toxicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Carcinogenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Skin corrosion/Irritation</b>	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2
<b>Skin sensitization</b>	EU/CLP • Skin Sensitizer 1 OSHA HCS 2012 • Skin Sensitizer 1A
<b>STOT-RE</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Toxicity for Reproduction</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
<b>Respiratory sensitization</b>	EU/CLP • Respiratory Sensitizer 1 OSHA HCS 2012 • Respiratory Sensitizer 1
<b>Serious eye damage/Irritation</b>	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met



## Potential Health Effects

### Inhalation

- Acute (Immediate)**
  - May cause respiratory irritation.
- Chronic (Delayed)**
  - May cause respiratory sensitization. Previously sensitized individuals can have very severe (life-threatening) reactions if exposed to latex. Severe reactions to latex can have symptoms that may include, asthma and anaphylactic shock.

### Skin

- Acute (Immediate)**
  - Causes skin irritation. May cause skin sensitization. Symptoms include redness, and skin rash. This product contains latex. Previously sensitized individuals can have very severe (life-threatening) reactions if exposed to latex. Severe reactions to latex can have symptoms that may include skin rash, angiodema, asthma and anaphylactic shock.
- Chronic (Delayed)**
  - No data available.

### Eye

- Acute (Immediate)**
  - Causes serious eye irritation.
- Chronic (Delayed)**
  - No data available.

### Ingestion

- Acute (Immediate)**
  - Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)**
  - No data available.

#### Key to abbreviations

TD = Toxic Dose	MOD = Moderate
LD = Lethal Dose	SEV = Severe
MLD = Mild	LC = Lethal Concentration

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking.

### 12.2 Persistence and degradability

- Material data lacking.

### 12.3 Bioaccumulative potential

- Material data lacking.

### 12.4 Mobility in Soil

- Material data lacking.

### 12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

### 12.6 Other adverse effects

#### Ecological Fate

- Material data lacking.

### 12.7 Other Information

- This material contains CAS 137-26-8 - tetramethylthiuram thiram disulphide (TMTD) which is listed on Annex I as harmful to the aquatic environment: N; R50-53 or R52-53 based upon concentration cut-offs. This chemical is also listed on Annex VI as Aquatic Acute 1 and Aquatic Chronic 1 with an M factor of 10. Classifications for the material as a whole have been extrapolated based upon this data.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

#### Product waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

#### Packaging waste

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

#### 14.6 Special precautions for user

- None known.

#### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

- Not relevant.

## Section 15 - Regulatory Information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### SARA Hazard Classifications

- Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Water	7732-18-5	No	No	No
Rubber, natural	9006-04-6	No	No	No
Ammonium hydroxide	1336-21-6	Yes	Yes	Yes
4,4-dimethyloxazolidine	51200-87-4	No	No	No
Disulfide, bis (dimethylthiocarbamoyl)	137-26-8	Yes	Yes	Yes
3,4,4-Triemthylloxazolidine	75673-43-7	No	No	No
2-amino-2-methyl-1-propanol	124-68-5	Yes	Yes	Yes
Formaldehyde Amine Resin	56652-26-7	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Water	7732-18-5	Yes	No	Yes	No	Yes
Rubber, natural	9006-04-6	Yes	No	Yes	No	No
Ammonium hydroxide	1336-21-6	Yes	No	Yes	No	Yes
4,4-dimethyloxazolidine	51200-87-4	Yes	No	Yes	No	Yes
Disulfide, bis (dimethylthiocarbamoyl)	137-26-8	Yes	No	Yes	No	Yes
3,4,4-Triemthyloxazolidine	75673-43-7	Yes	No	No	No	No
2-amino-2-methyl-1-propanol	124-68-5	Yes	No	Yes	No	Yes
Formaldehyde Amine Resin	56652-26-7	No	No	No	No	No

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

- Rubber, natural 9006-04-6 <= 30.04% Not Listed
- Disulfide, bis(dimethylthiocarbamoyl) 137-26-8 < 0.015% Not Listed
- Ammonium hydroxide 1336-21-6 0.1802% E
- Water 7732-18-5 0.0042% Uncontrolled product according to WHMIS classification criteria

#### Canada - WHMIS - Ingredient Disclosure List

- Rubber, natural 9006-04-6 <= 30.04% Not Listed
- Disulfide, bis(dimethylthiocarbamoyl) 137-26-8 < 0.015% 1 %
- Ammonium hydroxide 1336-21-6 0.1802% 1 %
- Water 7732-18-5 0.0042% Not Listed

### Environment

#### Canada - CEPA - Priority Substances List

- Rubber, natural 9006-04-6 <= 30.04% Not Listed
- Disulfide, bis(dimethylthiocarbamoyl) 137-26-8 < 0.015% Not Listed
- Ammonium hydroxide 1336-21-6 0.1802% Not Listed
- Water 7732-18-5 0.0042% Not Listed

## Europe

### Other

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Xn; R20/22-48/22 Xi; R36/38 R43 N; R50-53
• Ammonium hydroxide	1336-21-6	0.1802%	C; R34 N; R50
• Water	7732-18-5	0.0042%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis (dimethylthiocarbamoyl)	137-26-8	< 0.015%	2.5%<=C: N; R50-53 0.25%<=C<2.5%: N; R51-53 0.025%<=C<0.25%: R52-53
• Ammonium hydroxide	1336-21-6	0.1802%	5%<=C<10%: Xi; R:36/37/38 10%<=C: C; R:34
• Water	7732-18-5	0.0042%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Xn N R:20/22-36/38-43-48/22-50/53 S:(2)-26-36/37-60-61
• Ammonium hydroxide	1336-21-6	0.1802%	C N R:34-50 S:(1/2)-26-36/37/39-45-61
• Water	7732-18-5	0.0042%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	B
• Water	7732-18-5	0.0042%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	S:(2)-26-36/37-60-61
• Ammonium hydroxide	1336-21-6	0.1802%	S:(1/2)-26-36/37/39-45-61
• Water	7732-18-5	0.0042%	Not Listed

**United States****Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - OSHA - Specifically Regulated Chemicals**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**Environment**

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	10 lb final RQ; 4.54 kg final RQ
• Ammonium hydroxide	1336-21-6	0.1802%	1000 lb final RQ; 454 kg final RQ
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	1.0 % de minimis concentration

• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - EPA - Designated Generic Categories - Aqueous Ammonia**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	NH3 Equiv. Wt. % = 48.59
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	waste number U244
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics**

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	waste number U244
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - California - Proposition 65 - Developmental Toxicity

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed



## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	
• Ammonium hydroxide	1336-21-6	0.1802%	
• Water	7732-18-5	0.0042%	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Not Listed
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

## United States - Rhode Island

### Labor

#### U.S. - Rhode Island - Hazardous Substance List

• Rubber, natural	9006-04-6	<= 30.04%	Not Listed
• Disulfide, bis(dimethylthiocarbamoyl)	137-26-8	< 0.015%	Toxic
• Ammonium hydroxide	1336-21-6	0.1802%	Not Listed
• Water	7732-18-5	0.0042%	Not Listed

## 15.2 Chemical Safety Assessment

- Chemical Safety Assessment is not required.

## 15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. WARNING: This product contains a chemical known to the State of California to cause cancer.

## Section 16 - Other Information

### Relevant Phrases (code & full text)

- H315 - Causes skin irritation
- H317 - May cause an allergic skin reaction
- H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
- R38 - Irritating to skin.
- R42/43 - May cause sensitisation by inhalation and skin contact.

### Last Revision Date

- 30/October/2012

### Preparation Date

- 09/March/2012

### Disclaimer/Statement of

- The information contained herein is believed to be accurate but is not warranted to be

## **Liability**

so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

## **Key to abbreviations**

NDA = No data available.

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