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MATERIAL SAFETY DATA SHEET**PRODUCT 1341****SECTION 1 MATERIAL IDENTIFICATION**

Product: 1341

Date Prepared: 10/28/2009

Manufacturer: The Adhesive Products, Inc
520 Cleveland Ave
Albany, CA 94710

Telephone Number: 510-526-7616 (8am-5pm M-F)

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Substances listed below are reportable hazardous ingredients as defined by the OSHA Hazard Communication Standard 29CFR1910.1200.

	WEIGHT (%)	CAS NUMBER
1) Ammonia Hydroxide	<0.60	1336-21-6
2) Ammonia*		7664-41-7
3) Aluminum Hydroxide	0 - 0.1%	21645-51-2
4) Tetramethylthiuram Disulfide (TMTD)	<0.05	137-26-8

* Ammonia generated from ammonium hydroxide exist in vapor space above latex

SECTION 3 HEALTH HAZARDS**Primary Routes of Exposure:**

Inhalation
Skin Contact

Inhalation:

Inhalation of vapor or mist can cause mild irritation of nose, throat, and lungs.

Eye Contact:

Direct contact with the material can cause slight irritation.

Skin Contact:

Prolonged or repeated skin contact can cause slight skin irritation.

Ingestion:

Not an anticipated route of exposure. Available data indicate a low odor of toxicity. Excessive quantities may cause irritation of digestive tract.

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PRODUCT 1341**Medical Conditions Generally Aggravated By Exposure**

None known

Carcinogens Under OSHA, ACGIH, NTP, IARC, Other:

None Known

SECTION 4 FIRST AID**Inhalation:**

Move subject to fresh air.

Eye Contact:

Flush eyes with large amount of water for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion:

If swallowed give 2 glasses of water to drink. Seek medical attention. Never give anything by mouth to an unconscious person.

Skin Contact:

Wash affected area with soap and water.

SECTION 5 FIRE AND EXPLOSION DATA

Flash Point	Noncombustible
Auto-ignition Temperature	Not Applicable
Lower Explosive Limit	Not Applicable
Upper Explosive Limit	Not Applicable

Extinguishing Agents:

For dry polymer use water or carbon dioxide. Product does not burn. Aqueous mixture is not flammable.

Personal Protective Equipment:

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Hazard:

Product can spatter above 100°C./212°F. Dried product can burn. Water, carbon dioxide, carbon monoxide, and smoke are produced.

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PRODUCT 1341**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal Protection:**

Appropriate protective equipment must be worn when handling a spill of this product.
See SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION for recommendations.

Containment:

Stop the leak. Remove any ignition sources. Ventilate the area. Construct a dike of inert material (sand, earth) to prevent spread.

Clean-up Procedures:

If recovery is not possible, mix with dry soil, sand or non reactive absorbent (sodium chloride) and transfer to suitable containers for recovery or disposal. Wash contaminated property quickly before product dries. Flush area with water spray. Keep clean-up run off from municipal sewers or open bodies of water.

Special Notes:

Spilled product is slippery. Use caution and avoid falls.

SECTION 7 HANDLING AND STORAGE**Storage:**

Keep from freezing.

Handling:

Avoid breathing vapors. Handle in well ventilated work area

Special Requirements

Have emergency showers and eye wash stations readily available.

SECTION 8 PERSONAL PROTECTION/EXPOSURE CONTROLS**Hazardous Ingredients:**

No.	WEIGHT (%)	CAS NUMBER
1) Ammonia Solution		7664-41-7
2) Tetramethylthiuram Disulfide (TMTD)	<0.05	137-26-8
3)		

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PRODUCT 1341**Exposure Limits:**

	Units	TWA	STEL	CEILING
1) OSHA	ppm	N/A	50	N/E
ACGIH	ppm	25	N/A	N/E
2) OSHA	mg/m3	N/A	5	N/A
ACGIH	mg/m3	5	N/A	N/A
3) OSHA	N/A	N/A	N/A	N/A
ACGIH	N/A	N/A	N/A	N/A

Eye Protection:

Chemical splash goggles (ANSI Z87.1 or approved equivalent).

Hand Protection:

Neoprene rubber gloves.

Respiratory Protection:

Not required under normal conditions. Use a NIOSH approved organic vapor respirator for severe conditions.

Protective Clothing:

No specific recommendation.

Engineering Controls:

Use local exhaust ventilation with minimum capture velocity of 100ft/min. (.5m/sec.) at the point of vapor evolution.

Other Protective Equipment:

Eyewash facility.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Liquid
Color	White
Odor	Ammonia
pH	8.0 to 10.0
Vapor Density	Approximately equal to water
Vapor Pressure	760 mm Hg for water phase
Melting Point	N/A
Boiling Point	>100°C./212°F.
Solubility in Water	Dispersible
Specific Gravity95 to .97 (water = 1)
Percent Volatility	38.0 to 40.0%

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PRODUCT 1341**SECTION 10 STABILITY AND REACTIVITY****Chemical Stability:**

Stable at ambient temperatures. Freezing or boiling may cause coagulation.

Incompatibility:

Avoid acids (i.e. Sulfuric, phosphoric, etc.) Avoid Salts (i.e. sodium or potassium compounds).

Hazardous Polymerization:

Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION**Acute Data:**

No toxicity data available

Carcinogenicity Data:

No available data

SECTION 12 ECOLOGICAL INFORMATION

No available data

SECTION 13 DISPOSAL CONSIDERATIONS**Waste Disposal:**

Comply with all Federal, State, Provincial and Local Regulations. This product can be chemically or biologically degraded. If necessary a licensed waste disposal facility maybe used. The product can be incinerated, though chemical or biological treatment is sufficient.

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PRODUCT 1341**SECTION 14 TRANSPORT INFORMATION****DOT SHIPPING NAME:**

RESIN COMPOUND - Not DOT Regulated
Keep From Freezing

SECTION 15 REGULATORY INFORMATION**Food and Drug Administration (FDA):**

This product can be used in compliance with FDA regulation 21 CFR 175.105 Adhesives, subject to the end use extractive limitations cited in the regulation.

Toxic Substance Control Act (TSCA):

All components are included in the EPA Toxic Substance Control Act Chemical Substance inventory.

OSHA Hazard Communication Standard (29CFR1910.1200):

Product is considered hazardous.

EPA SARA Title III Section 312 (40CFR370):

Delayed health hazard.

EPA SARA Title III Section 313 (40CFR372):

No available data

CERCLA (40CFR302.4):

Releases of this product to air, land, or water are not reportable to the National Response Center or to local and state emergency planning committees.

Waste Classification:

If discarded as supplied this product does not meet the RCRA definition of ignitability, corrosivity, or reactivity, and is not listed in 40CFR261.33.

WHMIS HAZARD CLASSIFICATION:

Controlled product.

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

California Proposition 65:

This product contains a trace component or trace components known to the state of California to cause cancer and/or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Water and toxic Enforcement Act of 1986:
None known

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PRODUCT 1341**SECTION 16 - OTHER INFORMATION****HMIS RATING:**

Health 1 Flammability 0 Reactivity 0 SCALE

Severe = 4
 Serious = 3
 Moderate = 2
 Slight = 1
 Minimal = 0

Abbreviations:

ACGIH	American Conference of Governmental Industrial Hygienists
ANSI	American National Institute Standard
CAS	Chemical Abstract Service Number
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CPR	Controlled Products Regulations
DOT	Department of Transportation
EPA	Environmental Protection Agency
Hg	Mercury
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
L.D	Lethal Dose
mg/kg	Milligram per kilogram
mm	Milligram
MSDS	Material Safety Data Sheet
MSHA	Mine Safety and Health Administration
N/A	Not Applicable
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
ppm	Parts per million
SARA	Superfund Amendment and Reauthorization Act
STEL	Short-Term Exposure Limit
TSCA	Toxic Substance Control Act
TWA	Time Weighted Average
WHMIS	Workplace Hazardous Materials Information System

The information and recommendations accumulated herein are, to the best of The Adhesive Products, Inc., knowledge and belief accurate and reliable as of the date issued, but is not warranted or guaranteed. The Adhesive Products, Inc. shall not be liable for any loss or damage arising out of the use thereof. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.