APT-II Products Company
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Material Safety Data Sheet

PRODUCT IDENTIFICATION

APT-II Glaze & Color NRG

APT-II Products Co.

Hazard Rating	
Toxicity	0
Fire	0
Reactivity	0
Special	-

Scale
4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=INSIGNIFICANT

COMPONENT INFORMATION

No.		CAS REG NO.
1	Acrylic copolymer	Not Hazardous
2	Water.....	7732-18-5
3	Residual monomers.....	Not Required

EMERGENCY RESPONSE INFORMATION

FIRST AID PROCEDURES

Inhalation	Move subject to fresh air.
Eye Contact	Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.
Skin Contact	Wash affected skin areas thoroughly with soap and water.
Ingestion	If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

FIRE FIGHTING INFORMATION

Unusual Hazards	Material can splatter above 100C/212F. Polymer film can burn.
Extinguishing Agents	Use extinguishing media appropriate for surrounding fire.
Personal Protective Equipment	As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARD INFORMATION

HEALTH EFFECTS FROM OVEREXPOSURE

Primary Routes of Exposure	Skin Contact Eye Contact
Inhalation	Inhalation of high solvent vapor or mist concentrations can cause the following: headache, nausea, and irritation of nose, throat, and lungs
Eye Contact	Material can cause the following: slight irritation
Skin Contact	Prolonged or repeated skin contact can cause the following: Slight skin irritation
Ingestion	Material is possibly harmful if swallowed.

FIRE AND EXPLOSIVE PROPERTIES

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

REACTIVITY INFORMATION

Instability	This material is considered stable. However, avoid temperatures above 177C/350F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.
Hazardous Decomposition Products	There are no known hazardous decomposition products for this material.
Hazardous Polymerization	Product will not undergo polymerization.

ACCIDENT PREVENTION INFORMATION

COMPONENT EXPOSURE INFORMATION

Component Information

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Exposure Limit Information

Component		APT-II PRODUCTS		OSHA		ACGIH	
No.	Units	TWA	STEL	TWA	STEL	TLV	STEL
1		None	None	None	None	None	None
2		None	None	None	None	None	None
3		a	a	a	a	a	a

a Not Required

STORAGE AND HANDLING INFORMATION

Storage Conditions — The minimum recommended storage temperature for this material is 1 C/34F. The maximum recommended storage temperature for this material is 49C/120F.

SUPPLEMENTAL INFORMATION

TYPICAL PHYSICAL PROPERTIES

Appearance	Milky
Color	White
State	Fluid
PH	6.0-7.0
Viscosity	< 100 CPS @20°C/68°F
Specific Gravity (Water = 1).....	1.06 Approximate
Vapor Density (Air = 1)	0.62 Water
Vapor Pressure	17 mm Hg Water
Melting Point.....	0°C/32°F Water
Boiling Point	100°C/212°F Water
Solubility in Water	Dilutable
Evaporation Rate (BAc – 1)	< 1 Water

TOXICITY INFORMATION

Acute Data

The information shown in the HEALTH EFFECTS FROM OVEREXPOSURE Section is based on the toxicity profiles for a number of acrylic emulsions that are compositionally similar to this product. Typical data are:

Oral LD50 – rat: >5000 mg/kg
Dermal LD50 – rabbit: >5000 mg/kg
Eye Irritation – rabbit slight irritation
Skin Irritation – rabbit no irritation

WASTE DISPOSAL

Procedure

For disposal, incinerate this material at a facility that compiles with local, state, and federal regulations.

REGULATORY INFORMATION

WORKPLACE CLASSIFICATIONS

This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR 1910.1200).

This product is not a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

TRANSPORTATION CLASSIFICATIONS

US DOT Hazard Class . . . . . NONREGULATED

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE 3)

Section 311/312 Categorizations (40CFR 370)

This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

Section 313 Information (40CFR 372)

This product does not contain a chemical which is listed in Section 313 above de minimis concentrations.

CERCLA INFORMATION (40cfr 302.4)

Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response. Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

RCRA INFORMATION

When a decision is made to discard this material as supplied, it does not meet RCRA's characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33.

CHEMICAL CONTROL LAW STATUS

All components of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

STATE RIGHT-TO-KNOW LAWS

Any material listed as "Not Hazardous" in the CAS REG NO column of the COMPONENT INFORMATION Section of this MSDS is trade secret under the provisions of the *Texas Worker an Community Right-to-Know Act*.

ABBREVIATIONS:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time weighted Average
STEL = Short-Term Exposure Limit
BAc = Butyl acetate
Bar denotes a revision from previous MSDA in this area.