

## MATERIAL SAFETY DATA SHEET

MSDS Name: AP3155

MSDS Number: 92

Version Number: 1

MSDS Date: May 22, 2013

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SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: AP3155

CAS Number MIXTURE

Hazard Rating: Health: 2 Fire: 1 Reactivity: 2 PPI: X

## Company Identification:

Supply55, Inc.

P.O. Box 1522

Ann Arbor, Michigan 48106-1522

Contact: FOR REGULATORY INFORMATION CALL

Telephone: 734-668-0755

Product Class; UV Curable Ink

## SECTION II - INGREDIENT AND HAZARD INFORMATION

Ingredient Name	CAS Number	Percent
Hexanediol Diacrylate	13048-33-4	5-40
2-(2-Ethoxyethoxy)Ethyl Acrylate	7328-17-8	5-40
Trimethylolpropane Triacrylate	42978-66-5	5-40
Phosphine oxide	Proprietary	1-10

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(\* ) = SARA Section 313 listed. IF CHEMICAL  
SYMBOL FOLLOWS \* IN ( ), MATERIAL IS A COMPOUND.

For example: (\*Pb) - Report as lead compound.

(\*\*) Wiping Solution Only

(\*\*\*) Black Inks Only

## SECTION III - PHYSICAL DATA

Form: Clear Liquid

Boiling Range: 160.øC

Evaporation Rate: Unavailable

Vapor Density: Heavier than air

% Volatile Weight 0.09

% Volatile 0.11

Weight/Volume Measure: 8.6 Lb/Gal

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability: Non-Flammable Liquid

Flash Range: &gt;200F

**SUPPLY55**

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734-668-0755 Voice

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**EXTINGUISHING MEDIA:**

( X )-FOAM ( X )-ALCOHOL FOAM ( X )-CO2 ( X )-DRY CHEMICAL ( X )-WATER FOG ( )-OTHER

**SPECIAL FIREFIGHTING PROCEDURES:**

Firefighters should wear a positive pressure self contained breathing apparatus and remain upwind when possible. Personnel without suitable respiratory protection should leave area to avoid potential exposure to toxic gases produced by combustion.

**UNUSUAL FIRE & EXPLOSION HAZARDS:**

None.

**SECTION V - HEALTH HAZARD DATA**

PERMISSIBLE EXPOSURE LEVEL: Refer to Section II.

**EFFECTS OF OVEREXPOSURE:**

"Based on an IARC conclusion that there is "sufficient evidence in experimental animals for the carcinogenicity of carbon black" and inadequate evidence of carcinogenicity in humans, IARC's overall evaluation is that "carbon black is possibly carcinogenic to humans" (Group 2B). Carbon black has not been listed as a carcinogen by the National Toxicology Program (NTP) or the Occupational Safety and Health Administration (OSHA). The National Institute of Occupational Safety & Health (NIOSH) criteria document on carbon black recommends that only carbon blacks with PAH levels greater than 0.1 % be considered suspect carcinogens."

Potential irritation of eyes, skin and nose. Narcosis, dermatitis and nausea.

PRIMARY ROUTE(S) OF ENTRY: ( )-DERMAL ( X )-INHALATION ( X )-INGESTION

CARCINOGENICITY: See Above

FIRST AID: Eye or skin contact: Flush with water. Inhalation: Remove to fresh air. Ingestion: Do not induce vomiting. Contact a physician.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: N/A

**SECTION VI - STABILITY AND REACTIVITY DATA**

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

INCOMPATIBILITY: (MATERIALS TO AVOID): N/A

CONDITIONS TO AVOID: Exposure to excess heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide.

HAZARDOUS POLYMERIZATION: ( )-MAY OCCUR ( X )-WILL NOT OCCUR

STABILITY: ( )-UNSTABLE ( X )-STABLE

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Shut off source, if possible, without endangering the operator/employee. Dike and absorb in a non-combustible solid. Place in a metal container for proper disposal.

WASTE DISPOSAL METHOD: In accordance with federal, state and local regulations.



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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
Hexanediol Diacrylate	N/est	N/est	N/est	N/est	N/est
2-(2-Ethoxyethoxy)Ethyl Acrylate	N/est	N/est	N/est	N/est	N/est
Trimethylolpropane Triacrylate	N/est	N/est	N/est	N/est	N/est
Phosphine oxide	N/est	N/est	N/est	N/est	N/est

RESPIRATORY PROTECTION:

Organic vapor respirator in accordance with NIOSH and MSHA recommendations.

VENTILATION: Local exhaust required. Maintain compliance with applicable air pollution control regulations.

PROTECTIVE GLOVES: Rubber gloves recommended.

EYE PROTECTION: Splash glasses or goggles recommended.

OTHER PROTECTIVE EQUIPMENT: Safety shower and eye wash station available.

HYGENIC PRACTICES: No data available.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store in closed containers away from all possible sources of heat and ignition. Ground equipment and containers while handling, transferring or processing material.

SECTION X - TRANSPORTATION

Not classified as dangerous in the meaning of European transport regulations.

By 49 CFR 172.101 published by the US department of Transportation, this product is **not** considered Hazardous.

DOT listing: Combustible liquid

Packing group: III

DOT Labels required: None

Marine pollutant: Components are not listed as marine pollutants.

OTHER PRECAUTIONS:

N/A

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THE INFORMATION CONTAINED HEREIN IS CORRECT TO THE BEST OF OUR KNOWLEDGE. THE RECOMMENDATIONS AND SUGGESTIONS CONTAINED IN THIS BULLETIN ARE MADE WITHOUT GUARANTEE OR REPRESENTATION AS TO RESULTS. IF POSSIBLE, WE SUGGEST THAT YOU EVALUATE THESE RECOMMENDATIONS AND SUGGESTIONS PRIOR TO USE.



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