SAFETY DATA SHEET

Revision 1.4

Issuance Date: 6/01/2020

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product Name: 3D Gloop! PLA
Product Type: Adhesive

Part Number: GLP01PLA(XXXX)(XX)
Region: United States

HS CODE: 3506.91.0000
(FOR RESALE) 3506.10.0000

Company Information:

A² Creative, Inc.
DBA: 3D Gloop!
911 Washington Ave
St. Louis MO, 63101

Contact Information

Company Direct Line: 1 (855) 334 - 5667

MEDICAL EMERGENCY: Poison Control Center

1-877-671-4608 (toll free) or 1-303-592-1711

TRANSPORT EMERGENCY: CHEMTREC

1-800-424-9300 (toll free) or 1-703-527-3887

SECTION 2 - HAZZARDS IDENTIFICATION

HMIS

Physical State:	Viscous Liquid	**HEALTH:**	2
Color:	Off-White	**FLAMMABILITY:**	1
Odor:	Solvent	**REACTIVITY:**	1
		Personal Protection:	SEE SECTION 8

DANGER

HARMFUL IF INHALED.
HARMFUL OR FATAL IF SWALLOWED
CONTENTS MAY BE UNDER PRESSURE.
CAUSES SEVERE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

Relevant Routes of Exposure: Inhalation, Eyes, Skin

Potential Health Effects

INHALATION: May be harmful if inhaled. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal

EYE CONTACT: Symptoms can include irritation, redness, scratching of the cornea, and tearing. Mild eye irritation.

SKIN CONTACT: Prolonged and/or repeated skin contact may result in mild irritation or redness. Repeated or prolonged contact can result in drying of skin. Symptoms may include redness, burning, drying, cracking and skin burns

INGESTION: May be harmful or fatal if swallowed. Aspiration may occur during swallowing or vomiting, resulting in lung damage.

EXISTING CONDITIONS AGGRAVATED BY EXPOSURE: Other pre-existing skin conditions. Other respiratory disorders (bronchitis, emphysema, bronchial hyperreactivity).

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	C.A.S. NUMBER	% (BY WEIGHT)
Methylene Chloride	75-09-2	* Trade Secret *
Proprietary Synthetic Elastomer (Complex 3.8 - 8)	* Trade Secret *	* Trade Secret *
Methyl Acetate	79-20-9	5 - 15
Solvent naphtha (petroleum), light aliph	64742-89-8	1 - 10
Nonvolatile Stabilizing Components	* Trade Secret *	* Trade Secret *
Typical Antioxidants	N/A	< 5

SECTION 4 - FIRST AID MEASURES

INHALATION: If inhaled, remove to fresh air, if breathing is difficult, give oxygen.

If not breathing, give artificial respiration. Seek immediate medical attention if adverse symptoms appear.

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of cold water for at least 15 minutes.

Get medical attention immediately.

SKIN CONTACT: In case of skin contact, immediately wash affected area with plenty of cold water. Remove contaminated clothing and shoes and cover the irritated skin with an emollient.

If symptoms develop and persist, seek medical attention.

SERIOUS SKIN CONTACT: Wash affected area with plenty of cold water using a disinfectant soap and cover the contaminated skin with an anti-bacterial cream.

Remove contaminated clothing and shoes. Seek immediate medical attention.

INGESTION: If material is ingested, immediately contact a physician or poison control center.

DO NOT induce vomiting: contains petroleum distillates and/or aromatic solvents. If vomiting occurs, prevent aspiration by keeping the patient's head below the knees.

SECTION 5 - FIRE FIGHTING MEASURES

DANGER:

DO NOT USE PRODUCT NEAR SOURCES OF INGNITION
DO NOT STORE PRODUCT ABOVE 39º C (103º F)
PRODUCT CONTAINER MAY BECOME PRESSURIZED
PRODUCT CONATINER MAY EXPLODE WITH HEATING

FLASH POINT: Not Available

AUTO-IGNITION TEMPERATURE: Not Available

FLAMABILITY LIMITS: LOWER: 14% UPPER: 22%

PRODUCTS OF COMBUSTION: Carbon Oxides (CO, CO2), Halogenated Compounds.

EXTINGUISHING MEDIA: Water, Carbon dioxide, Alcohol-resistant foam, Dry powder.

SPECIAL PROCEDURES: Firefighters should wear self-contained breathing apparatus.

Water may be ineffective but may be used to cool exposed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

If water is used, fog nozzles are preferable.

UNUSUAL HAZARDS: Contents may be under pressure.

Do not handle or store near an open flame, heat or other sources of ignition.

Do not break or incinerate containers.

Exposure to temperatures above 39°C (103°F) may cause container to burst.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area.

Deny entry to unnecessary and unprotected personnel.

ENVIRONMENTAL PRECAUTIONS: Do not allow product to enter sewer or waterways.

SMALL SPILLS: Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container.

LARGE SPILLS: Absorb spill with inert material.

Shovel material into appropriate container for disposal.

Follow all local, state, federal and provincial regulations for disposal.

SECTION 7 - HANDLING AND STORAGE

HANDELING: Keep out of the reach of children.

Keep in a cool, well ventilated area.

Ventilate working rooms thoroughly.
Avoid naked flames, sparking and sources of ignition.

Switch off electrical devices.

Do not smoke.

Do not empty waste into waste water drains.

Avoid skin and eye contact.

Avoid breathing vapors or mists of this product.

Do not break or incinerate containers.

STORAGE: For safe storage, store at or below 39 °C (103 °F)

For information on product shelf life, please review labels on container.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Users should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

HAZZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	AIHA WEEL
Methylene Chloride	50 ppm TWA 125 ppm STEL	25 ppm (87 mg/m3) TWA	174 ppm TWA
Methyl Acetate	200 ppm TWA 250 ppm STEL	200 ppm (610 mg/m3) TWA	None
Solvent naphtha (petroleum), light aliph	None	None	None

ENGINEERING CONTROLS: Provide adequate local exhaust ventilation to maintain user exposure below exposure limits.

RESPIRATORY PROTECTION: Use a NIOSH approved respirator if ventilation is inadequate.

EYE/FACE PROTECTION: Safety goggles or safety glasses with side shields.

SKIN PROTECTION: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Viscous Liquid
COLOR:	Off-White (Dries Clear)
VISCOSITY:	Not Available
ODOR:	Solvent
ODOR THRESHOLD:	214 ppm
pH:	Not Available
VAPOR PRESSURE:	46.5 kPa (@ 20 °C)
BOILING POINT:	Not Available
MELTING POINT:	Not Available
SPECIFIC GRAVITY:	Not Available
VAPOR DENSITY:	2.93 (Air = 1)
RELATIVE DENSITY:	Not Available
FLASH POINT:	None
FLAHSBACK:	Not Available
FLAMMABILITY LIMTIS	LOWER: 14% UPPER: 22%
AUTOIGNITION TEMPERATURE:	> 500 °C (930 °F)
DECOMPOSITION TEMPERATURE:	Not Available
EVAPORATION RATE:	Not Available
SOLUBILITY IN WATER:	Insoluble
PARTITION COEFFICIENT N-OCTANOL/WATER:	Not Applicable
VOC CONTENT:	< 60%

SECTION 10 - STABILITY AND REACTIVITY

STABILITY:	Not Available
HAZZARDOUS REACTIONS:	Will Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Dioxide. Carbon Monoxide. Hydrocarbons
INCOMPATPIABLE MATERIALS:	Strong Oxidizing Agents
CONDITIONS TO AVOID:	Heat, Flames, Sparks and other sources of Ignition

SECTION 11 - TOXICOLOGICAL INFORMATION

HAZZARDOUS COMPONENT	NTP CARCINOGEN	IARC CARCINOGEN	OSHA Carcinogen (Specifically Regulated)
Methylene Chloride	Yes	Yes	Yes
Methyl Acetate	No	No	No
Solvent naphtha (petroleum), light aliph	No	No	No

HAZZARDOUS COMPONENT	HEALTH EFFECTS / TARGET ORGANS
Methylene Chloride	Eyes, Respiratory Tract, Blood, Liver, Central Nervous System, Reproductive, Irritant
Methyl Acetate	Blood, Central Nervous System, Eyes, Irritant
Solvent naphtha (petroleum), light aliph	Irritant

ROUTES OF ENTRY: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

TOXICITY TO ANIMALS: WARNING: THE LD_{50} & LC_{50} VALUES HEREUNDER ARE ESTIMATED ON THE BASIS OF A 4-HOUR EXPOSURE TO A PURE SAMPLE OF A MAJORITY INGREDIENT (PRIMARY ACTIVE SUBSTANCE) USED WITHIN THIS PRODUCT.

Acute Oral Toxicity (LD_{50}): 1250 mg/kg [Rat].

Acute Dermal Toxicity (LD_{50}): 2000 mg/kg [Rat].

Acute Vapor Toxicity (LC_{50}): 16000ppm [Rat].

CHRONIC EFFECTS ON HUMANS: CARCINOGENIC EFFECTS:
Classified + (Proven.) by OSHA.
Classified 2B (Possible for human.) by IARC

Risk to your health depends on level and duration of exposure.

Methylene Chloride reduces the bloods oxygen-carrying capacity.

SPECIAL REMARKS: Human: passes through the placenta, excreted in maternal milk.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: Not Available

BOD5 AND COD: Not Available

PRODUCTS OF BIODEGRADATION: Possibly hazardous short-term degradation products are not likely.

Long term degradation products may arise.

TOXICITY OF BIODEGRADATION: The products of degradation are more toxic.

SECTION 13 - DISPOSAL CONSIDERATIONS

Information provided herein is for unused product only

RECOMMENDED METHOD OF DISPOSAL: Follow all local, state, federal and provincial regulations for disposal.

HAZARDOUS WASTE NUMBER: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal.

Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

SECTION 14 - TRANSPORTATION INFORMATION

Shipping classification vary depending on container sizes and total package quantity being shipped. Consult 49 CFR or IATA for limitations, exceptions, and packaging instructions.

U.S. DEPARTMENT OF TRANSPORTATION GROUND (49 CFR)

PROPER SHIPPING NAME:	Adhesive, n.o.s. (3D Gloop!)
HAZARD CLASS OR DIVISION:	None
IDENTIFICATION NUMBER:	Unregulated
PACKING GROUP:	None
DOT REPORTABLE QUANTITY:	None

INTERNATIONAL AIR TRANSPORTATION (ICAO/IATA)

PROPER SHIPPING NAME:	Adhesive, n.o.s. (3D Gloop!)
HAZARD CLASS OR DIVISION:	None
IDENTIFICATION NUMBER:	Unregulated
PACKING GROUP:	None

SECTION 15 - REGULATORY INFORMATION

UNITED STATES REGULATORY INFORMATION

TSCA 8 (B) INVENTORY STATUS:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12(B) EXPORT NOTIFICATION:	None above reporting de minimus
CERCLA/SARA SECTION 302 EHS:	None above reporting de minimus
CERCLA/SARA SECTION 311/312:	Immediate Health, Delayed Health, Fire, Sudden Release
CERCLA/SARA 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 (40 CFR 372). Methylene Chloride (CAS# 75-09-2)
CALIFORNIA PROPOSITION 65:	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

CANADA REGULATORY INFORMATION

WHMIS HAZARD CLASS:	D.2.B, A, B.5

SECTION 16 - OTHER INFORMATION

DOCUMENT INFORMATION

CREATED: 3/31/2018
LAST UPDATED: 6/01/2020

PREPAIRED BY: A^2 Creative, Inc.

LEGAL INFORMATION

DISCLAMIER: The data contained herein are furnished for information only and are believed to be reliable.

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