

47003-XXXX

Safety Data Sheet

I. Identification	
Product Name Gelli Arts® Gel	Company Gelli Arts, LLC
Trade Name TPE	Address: 525 S. 4th Street Suite 477 Philadelphia, PA 19147 USA
Chemical Name Thermoplastic Elastomer	Information Telephone Number (267) 457-3119
Product Application Gel Printing Plate	Emergency Telephone Number (267) 457-3119
Restrictions of Use Not determined	Revision Date 8/5/2015

II. HAZARD IDENTIFICATION

HAZARD OVERVIEW: No known significant effects or critical hazards
HAZARD CLASSIFICATION: Not classified according to Globally Harmonized System
SIGNAL WORD: None
HAZARD STATEMENT: None
PRECAUTIONARY STATEMENT: Handle in accordance with good industrial hygiene and safety practices.
OTHER HAZARDS: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

III. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	CAS NUMBER	WT %
Mixture * **		

* No hazardous ingredients by OSHA

** Non-hazardous polymer composition is proprietary.

IV. FIRST-AID MEASURES

INHALATION: Supply fresh air. Get medical attention if symptoms occur.
EYE CONTACT: Flush eyes with plenty of lukewarm water. Obtain medical attention if irritation develops.
SKIN CONTACT: Wash affected areas with soap and water. Obtain medical attention if irritation develops.
INGESTION: Rinse mouth and then drink a cup of water. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Do not induce vomiting unless directed so by medical personnel. Consult a physician if symptoms persist.
IMPORTANT SYMPTOMS/EFFECTS (INCLUDING ACUTE OR DELAYED): None known
SPECIAL TREATMENT: None

Product: Gelli Arts® Gel

Page 1 of 4

AFTER FIRST AID, GET APPROPRIATE IN-PLANT, PARAMEDIC, OR COMMUNITY MEDICAL SUPPORT.

V. FIRE-FIGHTING MEASURES

Flash point, °C: > 200
Autoignition temperature, °C: > not determined
Self-ignition temperature, °C: not classified as self-igniting

SUITABLE EXTINGUISHING MEDIA: Water spray, dry chemical, carbon dioxide and foam
HAZARDOUS COMBUSTION PRODUCTS OR OTHER HAZARDS: Hydrocarbons, vapor and smoke
SPECIAL PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT (PPE): Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters.

VI. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS AND PPE: Use heat-resistant gloves and face shield if material is hot.
ENVIRONMENTAL PRECAUTIONS: Do not release into drains/surface waters/groundwater.
CONTAINMENT (METHODS AND MATERIALS): If molten (material in a liquid state because of high temperature), dike spillage to prevent entry into water system.
CLEANUP PROCEDURES (METHODS AND MATERIALS): If molten, allow material to cool and solidify. Then vacuum or sweep material, and place in suitable containers for disposal (see section XIII).

VII. HANDLING AND STORAGE

HANDLING PRECAUTIONS (INCLUDING INCOMPATIBILITIES): Handle in accordance with good industrial hygiene and safety practices.
STORAGE REQUIREMENTS (INCLUDING INCOMPATIBILITIES): Store in original container protected from direct sunlight. Store in cool dry area. Keep container sealed until ready for use.

NOTE: Practice good personal hygiene after using this material, especially before eating or drinking.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS

INGREDIENT NAME	OSHA PEL 8 hr, TWA mg/m ³	ACGIH TLV 8 hr, TWA mg/m ³
Mixture	No application information available	

ENGINEERING CONTROLS: Provide local exhaust ventilation.

PERSONAL PROTECTIVE CLOTHING/EQUIPMENT: Use heat-resistant gloves and face shield if material is hot.

SPECIAL REQUIREMENTS FOR PPE: None determined

Product: Gelli Arts® Gel

Page 2 of 4

IX. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: solid
COLOR: colorless or tinted
ODOR: faint, characteristic
ODOR THRESHOLD: not determined
pH: not determined
MELTING POINT/FREEZING POINT: not determined
INITIAL BOILING POINT: not determined
AND BOILING RANGE: not determined
FLASH POINT: > 200 °C
EVAPORATION RATE: N/A
DENSITY: 0.85-0.89 @ 20 °C (ASTM D792)

UPPER/LOWER FLAMMIBILITY/EXPLOSIVE LIMITS: not determined
VAPOR PRESSURE: not determined
VAPOR DENSITY (AIR=1): not determined
SOLUBILITY(IES): negligible water solubility
PARTITION COEFFICIENT (n-octanol/water): not determined
AUTO-IGNITION TEMPERATURE: not determined
DECOMPOSITION TEMPERATURE: > 150 °C
VISCOSITY: N/A

X. STABILITY AND REACTIVITY

REACTIVITY: Hazardous polymerization does not occur.
CHEMICAL STABILITY: stable
IS CHEMICAL STABLE UNDER NORMAL STORAGE CONDITIONS? yes
OTHER POSSIBLE HAZARDOUS REACTIONS: none known
CHEMICAL INCOMPATIBILITIES: oxidizing agents and strong acids
CONDITIONS TO AVOID (SUCH AS STATIC DISCHARGE OR ENVIRONMENTAL CONDITIONS): extreme heat
HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbons, vapor and smoke

XI. TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: Skin and eye contact, inhalation and ingestion
DELAYED, IMMEDIATE, OR CHRONIC EFFECTS FROM ACUTE EXPOSURE: Not expected to cause adverse acute health effects. However, toxic and irritating gases/fumes may be released during thermal decomposition (> 300 °F).
DELAYED, IMMEDIATE, OR CHRONIC EFFECTS FROM CHRONIC EXPOSURE: Not expected to cause adverse chronic health effects
SYMPTOMS RESULTING FROM EXPOSURE: No significant reaction to the human body known
MEDIAN LETHAL DOSE (LD50): not determined
IS CHEMICAL LISTED AS CARCINOGEN BY NTP, IARC OR OSHA? No

XII. ECOLOGICAL INFORMATION

TOXICITY TEST DATA: not determined
ENVIRONMENTAL FATE: not determined
BIOACCUMULATION POTENTIAL: not determined
SOIL ABSORPTION / MOBILITY: not determined
OTHER ADVERSE EFFECTS: not determined

Product: Gelli Arts® Gel

Page 3 of 4

Item Numbers: 47003-1029, 47003-1039, 47003-1049, 47003-1059, 47003-1069

Page 3 of 4

Item Numbers: 47003-1001, 47003-1003, 47003-1004, 47003-1006, 47003-1008, 47003-1009, 47003-1010, 47003-1011, 47003-1012, 47003-1014, 47003-1015, 47003-1016, 47003-1017, 47003-1019, 47003-1020, 47003-1021, 47003-1022, 47003-1023, 47003-1024, 47003-1025, 47003-1029, 47003-1035, 47003-1039, 47003-1049, 47003-1055, 47003-1057, 47003-1059, 47003-1066, 47003-1069, 47003-1079, 47003-1124, 47003-1155, 47003-1214, 47003-1620, 47003-1810, 47003-1912, 47003-1000, 47003-1080, 47003-1081

Page 3 of 4

XIII. DISPOSAL CONSIDERATIONS

APPROPRIATE DISPOSAL METHODS: Landfill in accordance with all applicable Federal, state and local regulations. Do not release into sewer system.

PHYSICAL/CHEMICAL PROPERTIES THAT MAY AFFECT DISPOSAL: none known

SPECIAL PRECAUTIONS FOR LANDFILLS/INCINERATION ACTIVITIES: Disposal must be made according to official regulations.

NOTES: 1. Refer to section 8 in order to minimize exposure during disposal.
2. Sewage (wastewater) disposal is strongly discouraged.

XIV. TRANSPORT INFORMATION

LAND TRANSPORT, USDOT: Not classified as a dangerous good under transport regulations

SEA TRANSPORT, IMDG: Not classified as a dangerous good under transport regulations

AIR TRANSPORT, IATA/ICAO: Not classified as a dangerous good under transport regulations

FURTHER INFORMATION, DOT: Not regulated for transportation

XV. REGULATORY INFORMATION

EPA TSCA STATUS: not listed

DOT REGULATIONS: see above

CPSC REGULATIONS: not listed

STATE REGULATIONS: White mineral oil is listed in NJ.

XVI. OTHER INFORMATION

Health = 0; Flammability = 0; Reactivity = 0

OSHA DOES NOT MANDATE SECTIONS 12-15.

DISCLAIMER: The data given in this Material Safety Data Sheet is related only to the specific material or process.

The information supplied herein is presented in good faith and believed to be accurate to the best knowledge of

[REDACTED]. However, since conditions of use are beyond our control, we make no expressed or

implied warranties as to the use of this information, the fitness of this product for a particular purpose, or the merchantability of this product. This information is offered solely for your consideration and interpretation