

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, 47003-1012, 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, 47003-1155, 47003-1214, 47003-1620, 47003-1810, 47003-1912, 47003-1010, 47003-1011

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.

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