



Safety Data Sheet

Version: 1
Issue Date: 05/03/17
Supersedes: NA

SECTION 1: IDENTIFICATION

PRODUCT NAME: PS-1052

RECOMMENDED USE: Skin Fixation

MANUFACTURER DETAILS:

MANUFACTURER: Polymer Science, Inc.
ADDRESS: 2577 South Freeman Road
Monticello, IN 47960

TELEPHONE: (574) 583-3751

EMERGENCY PHONE: (574) 583-3751 EXT 2138 (24 HOURS)

SECTION 2: HAZARD IDENTIFICATION

EU Main Hazards: Not classified as hazardous

Route of Entry: Skin contact.
Carcinogenic Status: Not considered a carcinogen under OSHA, ACGIH, NTP, or IARC guidelines
Target Organs: None
Health Effects – Eyes: Avoid eye contact
Health Effects – Skin: No adverse effects are expected.
Health Effects – Ingestion: Not an expected route of entry during normal handling and use; do not ingest
Health Effects – Inhalation: No adverse effects expected during normal handling and use.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS-No.	% by Wt
GLYCERINE, Non-Tallow	56-81-6	5-25
WATER	7732-18-5	30-60
POLY(ACRYLATE) CO-POLYMER	28062-44-4	20-40
POLYMERIC LINER	None	5-15
SILICONE COATED POLYMERIC LINER	None	5-15

* The specific chemical identity and/or exact percentage of this composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

INHALATION: Seek medical attention if symptoms occur.

SKIN CONTACT: If skin irritation develops, discontinue use. Obtain medical treatment as needed

EYE CONTACT:	If eye contact occurs, flush with water for fifteen minutes. Obtain medical attention if soreness or redness persists.
IF SWALLOWED:	No need for first aid is anticipated.
PROTECTION FOR FIRST RESPONDERS:	No special precautions for first responders is anticipated.
NOTES TO PHYSICIAN:	Treat symptomatically and supportively.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media:	Water spray, carbon dioxide, dry chemical or appropriate foam.
Special fire fighting procedures:	Wear self-contained breathing apparatus.
Unusual fire and explosion hazards:	May release hazardous vapors during a fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
No Applicable

ENVIRONMENTAL PRECAUTIONS:
Not Applicable

METHODS AND MATERIAL FOR CONFINEMENT AND CLEANING UP:
Not Applicable

SECTION 7: HANDLING AND STORAGE

Keep tightly closed to prevent evaporation of water. Store in cool, dry place. Keep away from heat.

PRECAUTIONS FOR SAFE HANDLING:
This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

CONDITIONS FOR SAFE CONDITIONS INCLUDING ANY INCOMPATIBILITIES:
No special storage requirements.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. No engineering controls or personal protective equipment (PPE) are necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL PHYSICAL FORM:	Solid
ODOR, COLOR, GRADE:	Colorless
ODOR THRESHOLD:	Slight Acrylic Odor
pH:	4.5
MELTING POINT:	Not Applicable
BOILING POINT:	Not Applicable
FLASH POINT:	Not Applicable
EVAPORATION RATE:	Not Applicable
FLAMMABILITY (SOLID, GAS):	Not Classified
FLAMMABILITY LIMITS (LEL):	Not Applicable
FLAMMABILITY LIMITS (UEL):	Not Applicable
VAPOR PRESSURE:	Not Applicable
VAPOR DENSITY:	Not Applicable
DENSITY:	Not Applicable
SPECIFIC GRAVITY:	Not Applicable
SOLUBILITY IN WATER:	Not Applicable
SOLUBILITY – NON-WATER:	Not Applicable
PARTITION COEFFICIENT: N-OCTANOL/WATER	Not Applicable
AUTOIGNITION TEMPERATURE:	Not Applicable
DECOMPOSITION TEMPERATURE:	Not Applicable
VISCOSITY:	Not Applicable
PERCENT VOLATILE:	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Heat – high temperatures
MATERIALS TO AVOID:	None known.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide, carbon dioxide, oxides of nitrogen, and oxides of sulfur.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:	Low order of acute toxicity.
CHRONIC TOXICITY/ CARCINOGENICITY:	Not expected to cause long term adverse health effects.
GENOTOXICITY:	Not expected to cause any mutagenic effects.
REPRODUCTIVE/ DEVELOPMENT TOXICITY:	Not expected to cause adverse reproductive effects.
ADDITIONAL INFORMATION:	

SECTION 12: ECOLOGICAL INFORMATION

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of contents/container in accordance with the local/regional/national/international regulations.

SECTION 14: TRANSPORT INFORMATION

International Regulation

UNRTDG Not regulated as a dangerous good.

IATA-DGR Not regulated as a dangerous good.

IMDG-CODE Not regulated as a dangerous good.

TRANSPORT IN BULK ACCORDING TO ANNEX II OR MARPOL 73/78 AND THE IBC CODE
Not applicable for product as supplied.

Domestic Regulation

49 CFR Not regulated as a dangerous good.

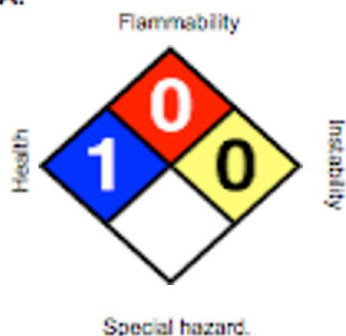
SECTION 15: REGULATORY INFORMATION

CHEMICAL INVENTORIES

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

SECTION 16: OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by the short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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