

**MATERIAL SAFETY DATA SHEET****Distributor of finished product**

SkinStitch Corp.

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Chemical name and synonyms CYANOACRYLATE FAMILYTrade Name: Gluseal®90

Chemical family : CYANOACRYLATE ESTER Formula: N/A

Flammability : MEDIUM Health: MEDIUM Reactivity: MEDIUM Specific Hazard: SKIN BONDING, BURNING

**Section 2 – HAZARDOUS INGREDIENTS**

N/A Carcinogen: NO

**Section 3 – PHYSICAL DATA**

Boiling point:	83°- 84° C at 3 mm Hg	Specific Gravity: I .4330
Vapor Pressure:	Less than 0.2mm. at 75° .F	Density at 20° C- 0.9850
Vapor Density:	Approximately 104 mm at 125° C	
Solubility in Water:	Polvmerized by water	Odor: Sharp, irritant
Appearance:	Clear Liquid. violet liquid	

**Section 4 – FIRE AND EXPLOSION HAZARD**

FLASH POINT:	NA
FLAMMABLE LIMITS:	LEL: N/A UEL
EXTINGUISHING MEDIA:	CARBON DIOXIDE. DRY CHEMICAL. FOAM
SPECIAL FIRE FIGHTING PROCEDURES:	SELF CONTAINED BREATHING APPARATUS
UNUSUAL FIRE AND EXPLOSION HAZARDS:	POSSIBLE EXOTHERMIC REACTION LEADING TO IGNITION AND GENERATION OF FUMES

**Section 5 – HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE: NO CRITERIA FOR MEASUREMENT. NOT YET ESTABLISHED

EFFECTS OF OVEREXPOSURE: VAPOR IS IRRITATING TO EYES AND MUCOUS MEMBRANES. PROLONGED AND REPEATED OVEREXPOSURE TO VAPORS MAY PRODUCE ALLERGIC REACTIONS WITH ASTHMA LIKE SYMPTOMS IN SENSITIVE INDIVIDUALS

EYE CONTACT: FLUSH WITH WARM WATER AND APPLY GAUZE PATCH, EYE WILL OPEN WITHIN 1-4 DAYS.

EMERGENCY AND FIRST AID PROCEDURES SKIN IMMERSER BONDING SURFACE IN WARM SOAPY WATER. PETROLATUM OR VASELINE MAY BE OF ASSISTANCE IN RELEASING THE BOND. PEEL OR ROLL SURFACE APART WITH AID OF BLUNT EDGE. DO NOT PULL APART WITH DIRECT OPPOSING ACTION.

MOUTH: APPLY WARM WATER TO MOUTH. PEEL OR ROLL LIPS APART.

BURNS: SHOULD BE TREATED NORMALLY AFTER THE LUMP OF CYANOACRYLATE IS RELEASED FROM THE TISSUE.

INHALATION VAPORS MAY CAUSE IRRITATION OF NOSE AND BRONCHIAL PASSAGES. AVOID PROLONGED INHALATION. REMOVE TO FRESH AIR.

INGESTION: CAUTION: IT IS ALMOST IMPOSSIBLE TO SWALLOW CYANOACRYLATES. THE ADHESIVE SOLIDIFIES AND ADHERES IN THE MOUTH. THE LIPS MAY BE STUCK TOGETHER.

OTHER: NO CARCINOGENICITY. MUTAGENICITY OR TERATOGENICITY EFFECTS ARE KNOWN. NO EFFECTS OF CHRONIC EXPOSURE OR TARGET ORGAN EFFECTS ARE KNOWN. NO EXPOSURE LIMITS HAVE BEEN ESTABLISHED FOR THIS PRODUCT.

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**SYSTEMIC TOXICITY:** THE SAMPLE DID NOT ELICIT ANY SYSTEMIC TOXICITY.

**SENSITIZATION:** THE SAMPLE DID NOT ELICIT ANY SENSITIZATION IN THE GUINEA PIG MAXIMIZATION TEST (THIS TEST IS DESIGNED TO SEE IF AN ALLERGIC REACTION OCCURS FROM A MATERIAL AFTER THERE HAS BEEN PREVIOUS CONTACT)

**CYTOTOXICITY:** THE SAMPLE WAS NOT MUTAGENIC AGAINST ANY OF THE TESTER STRAINS

EITHER DIRECTLY OR FOLLOWING METABOLIC ACTIVATION WITH S9(+M).

## Section 6 – REACTIVITY DATA

STABILITY: STABLE (UNDER NORMAL CONDITIONS) CONDITIONS TO AVOID: AMINES, BASES  
HAZARDOUS DECOMPOSITION PRODUCTS: NONE HAZARDOUS POLYMERIZATION MAY OCCUR  
INCOMPATIBILITY (MATERIALS TO AVOID): BASES, COTTON, WOOL POLYMERIZED BY CONTACT WITH WATER, ALCOHOL, AMINES

## Section 7 – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLOOD WITH WATER TO POLYMERIZE. SOAK UP WITH AN INERT ABSORBENT TOWEL

WASTE DISPOSAL METHOD: POLYMERIZE AS ABOVE: INCINERATE IN ACCORDANCE WITH EPA

AND LOCAL REGULATIONS.

## Section 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION TYPE: NONE NEEDED FOR NORMAL USE.

POSITIVE DOWN-DRAFT EXHAUST VENTILATION SHOULD BE PROVIDED TO MAINTAIN VAPOR CONCENTRATION BELOW TLV.

PROTECTIVE GLOVES: POLYETHYLENE GLOVES. DO NOT USE COTTON GLOVES.

EYE PROTECTION: SAFETY GLASSES OR GOGGLES.

OTHER PROTECTIVE EQUIPMENT: POLYETHYLENE/ POLYPROPYLENE COATS OR APRONS (NOT RUBBER OR COTTON).

## Section 9 – SPECIAL PRECAUTIONS

RESPIRATORY PROTECTION (TYPE):  
 VENTILATION:

NONE NEEDED FOR NORMAL USE  
 POSITIVE DOWN-DRAFT EXHAUST  
 VENTILATION SHOULD BE PROVIDED

PROTECTIVE GLOVES:

EYE PROTECTION:

OTHER PROTECTIVE EQUIPMENT:

POLYETHYLENE GLOVES. DO NOT USE COTTON  
 SAFETY GLASSES OR GOGGLES  
 POLYETHYLENE POLYPROPYLENE COATS OR  
 APRONS (NOT RUBBER OR COTTON)

**Precautions to be taken in handling and storage: Store at or Below 75° F to maximize shelf life**

**Other precautions: Avoid contact with skin and eyes. Avoid breathing vapor.**

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REVISED 09/16/14