

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

PRODUCT NAME: NANO GLASS
PRODUCT USE: AUTOMOTIVE DETAILING
MANUFACTURER/SUPPLIER:
 PEARL NANO, LLC
 3847 S PUGET SOUND AVE
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**SECTION 2: HAZARD(S) IDENTIFICATION****GHS CLASSIFICATION: HEALTH ENVIRONMENTAL**

EYE EFFECTS – 2
 SKIN CORROSION – N/A
 ACUTE TOXICITY – N/A
 N/A (INHALATION)
 5 (ORAL/DENTAL)
 SKIN SENSITIZATION – N/A
 MUTAGENICITY – N/A
 CARCINOGENICITY – N/A
 REPRODUCTIVE/DEVELOPMENTAL – N/A
 TARGET ORGAN TOXICITY – N/A
 TOXICITY – N/A
 ASPIRATION HAZARD – N/A
 ENVIRONMENTAL HAZARDS – N/A
 HAZARDOUS TO THE AQUATIC ENVIRONMENT – N/A

PHYSICAL

FLAMMABLE LIQUID – 2
 EXPLOSIVES – N/A
 FLAMMABLE GASES – N/A
 FLAMMABLE AEROSOLS – N/A
 OXIDIZING GASES – N/A
 GASES UNDER PRESSURE – N/A
 FLAMMABLE SOLID – N/A
 SELF-REACTIVE SUBSTANCES – N/A
 PYROPHORIC SOLIDS – N/A
 SELF-HEATING SUBSTANCES – N/A
 OXIDIZING LIQUIDS – N/A
 OXIDIZING SOLIDS – N/A
 ORGANIC PEROXIDES – N/A
 CORROSIVE TO METAL – N/A
 SUBSTANCES WHICH, IN CONTACT WITH
 WATER EMIT FLAMMABLE GASES – N/A

PICTOGRAM: WARNING, HEALTH HAZARD

**PRECAUTIONARY STATEMENTS****PREVENTION:**

IF MEDICAL ADVICE IS NEEDED, HAVE PRODUCT OR LABEL AT HAND.
KEEP OUT OF REACH OF CHILDREN
READ LABEL BEFORE USE.
WASH THOROUGHLY AFTER HANDLING.

HAZARD STATEMENTS**DANGER!**

SKIN CORROSION/IRRITATION
 SERIOUS EYE DAMAGE/EYE IRRITATION
 HARMFUL IF SWALLOWED

RESPONSE:

IF SWALLOWED: CALL A POISON CONTROL CENTER OR DOCTOR/PHYSICIAN. RINSE MOUTH.
 IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO.
 CONTINUE RINSING.
 IF EYE IRRITATION PERSISTS GET MEDICAL ADVICE/ ATTENTION.

STORAGE:

STORE IN WELL VENTILATED, COOL PLACE.

DISPOSAL:

DISPOSE OF CONTENTS/CONTAINER IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS NUMBER</u>	<u>WEIGHT</u>
ETHANOL ALCOHOL , DENATURED	64-17-5	>85 %
ISOPROPANOL ALCOHOL	67-63-0	>5 %

SECTION 4: FIRST AID MEASURES

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. CALL A PHYSICIAN

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER

INHALATION: REMOVE TO FRESH AIR.

INGESTION: DRINK WATER OR MILK. CALL A PHYSICIAN IMMEDIATELY

SECTION 5: FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: T DRY EXTINGUISHING MATERIAL/FOAM/FOG. DO NOT USE WATER JET.

FIREFIGHTING PROCEDURES: SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT

HAZARDOUS COMBUSTION HAZARDS: CARBON OXIDES, NITROGEN OXIDES AND FUMES MAY BE RELEASED FROM HEATING OR FIRE WHICH IS IRRITATING TO RESPIRATORY SYSTEM.

UNUSUAL FIRE AND EXPLOSION: NONE

SECTION 6:

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED : FIRST NEUTRALIZE WITH SODA ASH OR SODIUM BICARBONATE, DILUTE WITH WATER, AND DISPOSE OF IN ACCORDANCE WITH EPA REGULATIONS. WASH RESIDUAL AMOUNTS WITH LOTS OF WATER.

SECTION 7: HANDLING AND STORAGE

HANDLING:

DO NOT BREATHE VAPOURS OR SPRAY MIST
 DO NOT GET ON SKIN OR CLOTHING
 FOR PERSONAL PROTECTION SEE SECTION 8

STORAGE:

STORE AWAY FROM HEAT TO PROTECT PLASTIC CONTAINERS
 OTHER PERCAUTIONS: TRACE AMOUNTS OF ETHYLENE OXIDE MAY BE PRESENT IN THIS PRODUCT. TRACE AMOUNTS COULD ACCUMULATE IN HEADSPACE AFTER HEATING, BUT WILL NOT YIELD CONCENTRATIONS GREATER THAN 0.5PPM

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS	PPM	MG/M3
ISOPROPYL ALCOHOL (CAS: 67-63-0)	400PPM	1920 MG/M3
ETHANOL	1,000PPM	1920 MG/M3

EXPOSURE LIMITS: N/A

ENGINEERING CONTROLS: HANDLE ONLY IN A PLACE EQUIPPED WITH LOCAL EXHAUST (OR OTHER APPROPRIATE EXHAUST).

PERSONAL PROTECTIVE EQUIPMENT (PPE): SAFETY EYEWARE AND SOLVENT-RESISTANT GLOVES

SKIN PROTECTION: CLOTHING SUITABLE TO PREVENT SKIN CONTACT

RESPIRATORY PROTECTION: IN THE CASE OF VAPOUR FORMATION USE A RESPIRATOR WITH AN APPROVED FILTER. RESPIRATOR WITH FILTER FOR ORGANIC VAPOUR USE NIOSH APPROVED RESPIRATORY PROTECTION.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASHPOINT:	16°C	LOWER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
AUTO-IGNITION TEMPERATURE:	200°C	UPPER FLAMMABILITY LIMIT:	NO DATA AVAILABLE
BOILING POINT:	78°C	VOLATILE ORGANIC COMPOUND:	NO DATA AVAILABLE
MELTING POINT:	NO DATA AVAILABLE	VOLATILE ORGANIC COMPOUND:	NO DATA AVAILABLE
VAPOR PRESSURE:	5.9 KPA (20°C)	EVAPORATION RATE (WATER=1)	1.7
VAPOR DENSITY (AIR = 1):	1.6	VISCOSITY:	NO DATA AVAILABLE
SOLUBILITY:	NON-MISCIBLE	PH:	CA 2
POUR POINT:	NOT AVAILABLE	MOLECULAR WEIGHT:	NO DATA AVAILABLE
MOLECULAR FORMULA:	MIXTURE	SPEC. GRAV. / DENSITY:	0.7 G / ML
ODOR/APPEARANCE:	CLEAR/NO ODOR		

SECTION 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: YES, PRODUCT IS STABLE

POSSIBILITY OF HAZARDOUS REACTIONS: N/A

CONDITIONS TO AVOID: HIGH TEMPERATURE AND LONG-TIME EXPOSURE TO DIRECT SUNLIGHT

INCOMPATIBLE MATERIALS: ALKALI METALS, AMMONIA, OXIDIZING AGENTS, PEROXIDES

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON OXIDES, NITROGEN OXIDES AND FUMES MAY BE RELEASED FROM HEATING OR FIRE WHICH IS IRRITATING TO RESPIRATORY SYSTEM.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY FOR ORGANIC SILAZANE COMPOUND

DERMAL: LD-50(RABBIT) : SPECIES: RABBIT - RESULT: CORROSIVE - METHOD: OECD 404

SKIN IRRITATION (RABBIT) : MILD SKIN IRRITATION

EYE IRRITATION: IT CAUSES EYE IRRITATION AND SYMPTOMS MAY INCLUDE REDNESS, TEAR AND ACHE.

ACUTE TOXICITY

NAME

SKIN CORROSION/IRRITATION

SERIOUS EYE DAMAGE/IRRITATION

SKIN SENSITIZATION

RESPIRATORY SENSITIZATION

GERM CELL MUTAGENICITY

CARCINOGENICITY

REPRODUCTIVE TOXICITY

REPRODUCTIVE AND/OR DEVELOPMENTAL EFFECTS

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE

ASPIRATION HAZARD

SECTION 12: ECOLOGICAL INFORMATION

THIS MATERIAL HAS NOT BEEN TESTED FOR ENVIRONMENTAL EFFECTS

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSE OF AS HAZARDOUS WASTE IN COMPLIANCE WITH LOCAL AND NATIONAL REGULATIONS. FOR DISPOSAL, THIS MATERIAL IS A CORROSIVE AND FLAMMABLE HAZARDOUS WASTE UNDER RCRA. CONTAMINATED PACKAGING: EMPTY CONTAINERS SHOULD BE TAKEN TO AN APPROVED WASTE HANDLING SITE FOR RECYCLING OR DISPOSAL. RCRA HAZARDOUS WASTE: RCRA NUMBER: D001, D002 YES -- IF IT BECOMES A WASTE AS SOLD.

SECTION 14: TRANSPORT INFORMATION

THE PRODUCT IS NOT CLASSIFIED AS DANGEROUS GOODS. HAZARD WARNING NOT REQUIRED FOR AIR, SEA OR ROAD TRANSPORT. PROPER SHIPPING NAME: NANO BASE

SECTION 15: REGULATORY INFORMATION

OSHA HAZARDOUS CHEMICAL ACCORDING TO 29 CFR 1910.1200 : NA
CARCINOGENICITY CLASSIFICATION : (COMPONENTS PRESENT AT 0.1% OR MORE)
INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC) : NA
AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) : NA
NATIONAL TOXICOLOGY PROGRAM (NTP) : NA
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) : NA
ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE U.S. TOXIC SUBSTANCES CONTROL ACT INVENTORY OR OTHERWISE COMPLY WITH TSCA
PRE-MANUFACTURE NOTIFICATION REQUIREMENTS
THIS PRODUCT IS ROHS COMPLIANT LUENE

THIS SDS HAS BEEN PREPARED TO MEET THE U.S. OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

SECTION 16: OTHER INFORMATION**NFPA HAZARDOUS CLASSIFICATION**

HEALTH: 3 FLAMMABILITY: 3 INSTABILITY: 1 SPECIAL HAZARD: NONE

HMS HAZARDOUS CLASSIFICATION

HEALTH: 3 FLAMMABILITY: 3 PHYSICAL HAZARD: 1 PERSONAL PROTECTION: X

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