

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION

Product Name: HANDSTAMP – BLUE
Product Code: 5639, 5640, 5643, 5649, 5654, 5648, 5657, 5668, 5653
Recommended Use: Industrial Marking
Manufacturer Name & Address: Identity Group
 1480 Gould Drive
 Cookeville, TN 38506

Telephone Number: 931-432-4000

Emergency Telephone Number: Identity Group – 931-432-4000
 Chemtrec – 1-800-424-9300 (Within the Continental US)

SECTION 2: HAZARD IDENTIFICATION

Classification:

Acute toxicity – Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 1
Skin Sensitisation	Category 1
Specific Target Organ Toxicity - RE	Category 1
Reproductive Toxicity	Category 1B
Carcinogenicity	Category 2
Acute Aquatic Toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

Label Elements:

Symbol:



Signal Word: Danger

Hazard Statements:

H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H317 May cause an allergic skin reaction.
 H332 Harmful if inhaled.
 H350 May cause cancer.
 H360 May damage fertility or the unborn child.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements:**Prevention:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P261 Avoid breathing dust/fume/gas/vapors/spray.
- P264 Wash hands/skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P301+312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P302+352 IF ON SKIN: Wash with plenty of soap and water.
- P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do-continue rinsing.
- P308+311 IF exposed or concerned: Call a POISON CENTER/doctor.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell.
- P332+313 If skin irritation occurs: Get medical attention/advice.
- P362+364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.

Storage:

- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Not Otherwise Classified (HNOC)

No additional information identified.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CAS No.	Component	Percent
68603-42-9	Cocamide DEA	2-4%
111-42-2	Diethanolamine	0.5-1.0%
64742-88-7	Solvent naphtha (petroleum)	0.024%
63148-62-9	Polydimethylsiloxane	0.012%
68609-97-2	Glycidylether	0.012%
85-68-7	Benzyl Butyl Phthalate	15-25%
64742-05-8	Petroleum Extracts, Light Paraffinic Distillate Solvent	15-20%

SECTION 4: FIRST AID MEASURES

- Inhalation:** Immediately remove person to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Seek immediate medical attention/advice.
- Ingestion:** Seek immediate medical attention/advice. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.
- Eye Contact:** Flush eyes with water for at least 15 minutes while holding eyelids open. When symptoms persist or in all cases of doubt, seek medical advice.
- Skin Contact:** Immediately flush with plenty of water, while removing contaminated clothing. When symptoms persist or in all cases of doubt, seek medical advice.
- Notes to the Physician:** Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Dry chemical, foam, carbon dioxide and water fog.
Unsuitable extinguishing media	
Fire hazards/conditions of flammability	Not a flammable substance.
Explosion data	Not sensitive to mechanical impact or static discharge.
Fire-fighting procedure	Wear protective clothing and respiratory protection (SCBA). Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame.
Hazardous combustion products	Oxides of carbon and nitrogen, irritating fumes and smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	All persons dealing with clean-up should wear the appropriate protective equipment expressed in Section 8. Do not eat, drink or smoke while participating in clean up.
Environmental precautions	Ensure spilled product does not enter drains, sewers, waterways or confined spaces. For large spills, dike the area to prevent spreading.
Spill Containment/cleanup	Contain and absorb spilled liquid with non-combustible, inert absorbent material such as vermiculite or sand, then place absorbent material into a container for later disposal. Notify the appropriate authorities as required.
Special spill response procedures	In case of a transportation accident, in the United States contact CHEMTREC at 1-800-424-9300 or International at 1-703-527-3887.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Wear suitable protective equipment during handling. Do not ingest. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.
Conditions for safe storage	Store in a cool, dry, well-ventilated area. Store away from incompatibles, temperature extremes and out of direct sunlight. Inspect periodically for damage or leaks.
Incompatible materials	Strong oxidizing agents; strong reducing agents; acids.
Special packaging materials	Always keep in containers made of the same materials as the supply container.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Component Exposure Limits**

Benzyl Butyl Phthalate 85-68-7	
5 mg/m ³ TWA	ACGIH
Diethanolamine 111-42-2	
1 mg/m ³ TWA	ACGIH
15 mg/m ³ TWA	NIOSH
Solvent Naphtha (petroleum) 64742-88-7	
400 mg/m ³ TWA	OSHA

Appropriate engineering controls	Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits.
Respiratory protection	If the TLV is exceeded, a NIOSH/MSHA-approved respirator is advised. Confirmation of which type of respirator is most suitable for the intended application should be obtained from respiratory protection suppliers.
Skin protection	Impervious gloves must be worn when using this product. Advice should be sought from glove suppliers.
Eye/Face protection	Good industrial hygiene practices should be used when handling this product including preventing eye contact and minimizing skin contact and inhalation.

Other protective equipment

As needed to prevent eye contact and minimizing skin contact and inhalation.

General hygiene measures

Avoid breathing vapor or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove and wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state/Appearance	Gel matrix impregnated with blue ink
Odor	Mild
Odor Threshold	N/Av
Specific gravity	0.9
pH	Not applicable
Initial Boiling point	>300°F
Melting/Freezing point	Not available
Coefficient of water/oil distribution	Not available
Vapor pressure (mm Hg @ 20°C/68°F)	Not available
Vapor density (Air = 1)	Heavier than air
Evaporation rate (n-Butyl acetate = 1)	Slower than n-Butyl acetate
Solubility in water	Slightly
% Volatiles (by weight)	Not available
Flash point	>200°F, TCC
Auto-ignition temperature	Not applicable
Lower flammable limit (% by vol)	Not applicable
Upper flammable limit (% by vol)	Not applicable
Flame projection length	Not available
Flashback observed	Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Not reactive.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None are known.
Conditions to avoid	Avoid heat and open flame.
Incompatible materials	See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products	None known; refer to hazardous combustion products in Section 5.

SECTION 11: TOXICOLOGICAL INFORMATION

There is no available data for the mixture itself, only for the ingredients. See below for individual acute toxicity data.

Routes of Exposure

Skin Absorption, Eyes, Ingestion,

Acute and Chronic Toxicity							
Component	CAS Number	Oral LD ₅₀		Dermal LD ₅₀		Inhalation	
Benzyl Butyl Phthalate	85-68-7	20400 mg/kg	Rat	10000 mg/kg	Rabbit	-	-
Polydimethylsiloxane	63148-62-9	>5000 mg/kg	Rat	>2000 mg/kg	Rabbit	>695 mg/m ³	
Diethanolamine	111-42-2	1600 mg/kg	Rat	12200 mg/kg	Rabbit	-	-
Petroleum extracts Parrafinic	64742-05-8	5000 mg/kg	Rat	3000 mg/kg	Rabbit	5 mg/L	-

Skin Corrosion/Irritation

Some components of this product are skin irritants

Serious Eye Damage/Irritation

A component of this product is an eye irritant.

Sensitization

May cause skin sensitization

Germ Cell Mutagenicity

No data available

Carcinogenicity

One or more of the components are listed as carcinogens by NTP, IARC, or OSHA

Reproductive/Developmental Toxicity

One or more of the components are known reproductive toxicants.

Specific Target Organ Toxicity

Single Exposure No data available

Repeated Exposure No data available

Aspiration Hazard

The mixture does not pose an aspiration hazard

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity No data is available on the mixture itself.

Component	Toxicity to Fish	Toxicity to Invertebrates	Toxicity to Algae
Benzyl Butyl Phthalate	10.0 mg/L 96hr (L. macrochirus)	1.1 mg/L 48hr	0.4 mg/L 96hr
Paraffinic Distillate Solvent	1000 mg/L 96hr	35.9 mg/L 48hr	1808 mg/L 96hr
Glycidylether	5000 mg/L 96hr	7.2 mg/L 48hr	843 mg/L 72hr

Persistence

No data available on the mixture.

Bioaccumulative potential

No data available on the mixture.

Mobility in Soil

No data available on the mixture.

Other Adverse Effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions Dispose of in accordance with federal, provincial and local waste regulations. Avoid release to the environment.

SECTION 14: TRANSPORTATION INFORMATION

DOT This material is not regulated
 UN Proper Shipping Name This material is not regulated
 Hazard Class N/A
 UN Number N/A
 Packing Group N/A
 Marine Pollutant Yes

SECTION 15: REGULATORY INFORMATION**SARA Sections 302**

No Extremely Hazardous Substances are present in this mixture.

SARA Section 311 & 312

Acute health hazard
Chronic health hazard

SARA Section 313

The following component is subject to reporting levels established by SARA Title III, Section 313:
Diethanolamine (111-42-2)

CERCLA

Diethanolamine (111-42-2) 100 lbs.
Benzyl Butyl Phthalate (85-68-7) 100 lbs.

TSCA

All components of this product are either listed or are exempt on the TSCA inventory.
The following components of this product are subject to the reporting requirements of Section 12(b) of TSCA:
None

Component Analysis – State

Component	CAS	CA	LA	MA	MN	NJ	PA	RI
Cocamide	68603-42-9	Y	N	N	N	Y	N	N
Diethanolamine	111-42-2	Y	N	N	N	Y	N	N
Benzyl butyl phthalate	85-68-7	Y	N	N	N	N	N	N
Petroleum extracts-Paraffinic distillate solvent	64742-05-8	Y	N	Y	Y	Y	Y	-

California Prop 65

This product contains chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

HMIS Ratings: Health: 2 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Revision Information: 10/6/2017

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.