

**HEY'DI SEALING LIQUID 1GL/6PK**

Version 2.0

Print Date 07/09/2012

REVISION DATE: 07/08/2012

SECTION 1 - PRODUCT IDENTIFICATION

Trade name : HEY'DI SEALING LIQUID 1GL/6PK
Product code : TL1943501

COMPANY : Euclid Chemical Company
19218 Redwood Road
Cleveland, OH 44110

Telephone : 1-800-321-7628
Emergency Phone: : U.S. only: 1-800-424-9300
International Users Call Collect: 1-703-527-3887

Product use : Coating

SECTION 2 - HAZARDS IDENTIFICATION**Emergency Overview**

Clear. Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

Acute Potential Health Effects/ Routes of Entry

Inhalation : No serious effects anticipated under normal conditions of use.
Eyes : Direct contact may cause mild irritation.
Ingestion : May cause gastrointestinal irritation, nausea, and vomiting.
Skin : May cause mild irritation.

Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

Chronic Health Effects

Prolonged or repeated exposure to vapors of isopropyl alcohol can cause eye, skin, or respiratory irritation, headache, dizziness, nausea, in coordination, drowsiness, and loss of consciousness. Prolonged or repeat exposure to liquid can cause defatting, drying, and irritation of the skin dermatitis. Fillers are encapsulated and not expected to be released from product under normal conditions of use.

SECTION 3 - PRODUCT COMPOSITION

Chemical Name	CAS-No.	Weight %
Water	7732-18-5	> 60.0
Potassium sodium aluminosilicate	12736-96-8	15.0 - 40.0
Sodium silicate	1344-09-8	5.0 - 10.0
2-Propanol	67-63-0	1.0 - 5.0

SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get

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medical attention.

Eye contact	:	Flush with water for 15 minutes. If irritation persists, get medical attention.
Skin contact	:	Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
Ingestion	:	Get medical attention. Do not induce vomiting.
Notes to physician	:	Not applicable.

SECTION 5 - FIRE FIGHTING MEASURES

Flash point	:	> 100 °C, > 212 °F
Method	:	Not available.
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Autoignition temperature	:	Not available.
Extinguishing media	:	This product is not expected to burn under normal conditions of use.
Hazardous combustion products	:	Carbon monoxide and carbon dioxide can form. Smoke, fumes.
Protective equipment for firefighters	:	Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
Fire and explosion conditions	:	This product not expected to ignite under normal conditions of use.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal. Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**Personal protection equipment**

Respiratory protection	:	Not required under normal conditions of use. Wear appropriate, NIOSH/MSHA approved respirator with combination particulate filter and vapor/gas removing cartridge when the ventilation is not adequate or if it is necessary to abrade or grind surfaces coated with this product.
Hand protection	:	Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
Eye protection	:	Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes

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with contaminated body parts or materials. Have eye washing facilities readily available.

- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures : Not required under normal conditions of use. Use local exhaust when the general ventilation is inadequate.

Exposure Limits

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
2-Propanol	67-63-0	OSHA PEL: ACGIH TWA: ACGIH STEL:	980 mg/m3 200 ppm 400 ppm	

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Color : Clear
- Odor : None
- pH : 9 - 11
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : 32 °F, 0 °C
- Boiling point/range : 212 °F, 100 °C
- Water solubility : Soluble
- Specific Gravity : 1.1
- % Volatile Weight : 76.4 %

SECTION 10 - REACTIVITY / STABILITY

- Substances to avoid : Strong acids. Strong bases.
- Stability : Stable
- Hazardous polymerization : Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

- Sodium silicate, CAS-No.: 1344-09-8
Acute oral toxicity (LD-50 oral) 1,100 - 1,600 mg/kg (Rat) 1,100 mg/kg (Mouse)
- 2-Propanol, CAS-No.: 67-63-0



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Acute oral toxicity (LD-50 oral)

4,700 - 5,800 mg/kg (Rat) 6,410 mg/kg (Rabbit) 4,797
mg/kg (Dog) 3,600 mg/kg (Mouse) 8,000 mg/kg (Rabbit)
5,045 mg/kg (Rat) 4,797 mg/kg (Dog) 3,600 mg/kg (Mouse)
6,410 mg/kg (Rabbit) 8,000 mg/kg (Rabbit) 4,700
- 5,800 mg/kg (Rat) 5,045 mg/kg (Rat)

Acute dermal toxicity (LD-50 dermal)

5,030 - 7,900 mg/kg (Rabbit) 12,800 mg/kg (Rabbit) 5,030
- 7,900 mg/kg (Rabbit) 12,800 mg/kg (Rabbit)

SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method : Waste not regulated under RCRA. Dispose of in compliance with state and local regulations.

SECTION 14 - TRANSPORTATION / SHIPPING DATA**CFR / DOT:**

Not Regulated

TDG:

Not Regulated

IMDG:

Not Regulated

SECTION 15 - REGULATORY INFORMATION**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components : None present or none present in regulated quantities.

SARA 311/312 Hazards : Acute Health Hazard

OSHA Hazardous Components :
2-Propanol

67-63-0

OSHA Status: Considered : Irritant
hazardous based on the



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following criteria:

OSHA Flammability : IIIB

Regulatory VOC (less water and exempt solvent) : 88 g/l

VOC Method 310 : 1 %

U.S. State Regulations:

MASS RTK Components : 2-Propanol 67-63-0

Penn RTK Components : Water 7732-18-5
 Potassium sodium aluminosilicate 12736-96-8
 Sodium silicate 1344-09-8
 2-Propanol 67-63-0

NJ RTK Components : Water 7732-18-5
 Potassium sodium aluminosilicate 12736-96-8
 Sodium silicate 1344-09-8
 2-Propanol 67-63-0

Components under California Proposition 65:

None known.

SECTION 16 - OTHER INFORMATION**HMIS Rating :**

Health	1
Flammability	1
Reactivity	0
PPE	

0 = Minimum
 1 = Slight
 2 = Moderate
 3 = Serious
 4 = Severe

Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

Prepared by: Rich Mikol**Legend**

ACGIH - American Conference of Governmental Hygienists
 CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
 DOT - Department of Transportation
 DSL - Domestic Substance List
 EPA - Environmental Protection Agency
 HMIS - Hazardous Materials Information System
 IARC - International Agency for Research on Cancer
 MSHA - Mine Safety Health Administration
 NDSL - Non-Domestic Substance List
 NIOSH - National Institute for Occupational Safety and Health
 NTP - National Toxicology Program

PEL - Permissible Exposure Limit
 RCRA - Resource Conservation and Recovery Act
 RTK - Right To Know
 SARA - Superfund Amendments and Reauthorization Act
 STEL - Short Term Exposure Limit
 TLV - Threshold Limit Value
 TSCA - Toxic Substances Control Act
 TWA - Time Weighted Average
 V - Volume
 VOC - Volatile Organic Compound
 WHMIS - Workplace Hazardous Materials Information System



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OSHA - Occupational Safety and Health Administration