

## Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Item Number:** 42286 – 2 oz. Container  
42284 – Quart Container  
42285 – Gallon Container

**Product Name:** Padding Adhesive

**Recommended use and restrictions on use:** For fan-out padding of carbonless paper.

**Supplier:** Nekoosa Coated Products LLC  
841 Market Street  
Nekoosa, WI 54457 USA  
Non-emergency phone 1-800-826-4886

**Emergency Phone Number:** For Chemical Emergency – Spill, Leak, Fire, Exposure or Accident Call CHEMTREC  
Day or Night  
DOMESTIC NORTH AMERICA: 1-800-424-9300  
INTERNATIONAL: CALL 703-527-3887 (Collect Calls Accepted)

### 2. HAZARDS IDENTIFICATION

**Hazard Classification(s):** **Category 2 Flammable Liquid**  
**Category 4 Acute toxicity – oral**

**Precautionary Statement(s):** **Danger - Highly flammable liquid or vapor**  
**Warning - Harmful if swallowed**

**Other Hazards:** **None known**

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical	Common name/synonyms	CAS Number	% Range
Water		7732-18-5	40 - 65
Acrylic Polymer Latex		Proprietary	25 - 40
Ethyl Alcohol	Ethanol	64-17-5	10 - 25
Isopropyl Alcohol	Isopropanol	67-63-0	1 - 5
Polyhydric Alcohol	D-Sorbitol	50-70-4	1 - 5

### 4. FIRST AID

**Eyes:** Immediately flush eyes with large amounts of water. Get immediate medical attention.

**Skin Contact:** Flush skin with large amounts of water. If irritation persists, get medical attention.

**Ingestion:** Drink two glasses of water. Call a physician.

**Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

**Symptoms/Effects:**

**Eye:** Mild Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.

**Skin:** Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.

**Ingestion:** Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

**Inhalation:** No adverse health effects are expected from inhalation exposure.

**Immediate Medical Attention or Special Treatment Needed:** See above

## 5. FIRE FIGHTING MEASURES

<b>NFPA HAZARD CODES:</b>	<b>HEALTH:</b>	1
	<b>FIRE:</b>	3
	<b>REACTIVITY:</b>	0

**OSHA FIRE HAZARD CLASS:** Category 2 Flammable Liquid

**Suitable Extinguishing Media:** Carbon dioxide, foam, dry chemical.

**Special Hazards /Hazardous Combustion Products:** Not determined

**Special protective equipment and precautions for firefighters:** Not determined

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Refer to other sections of the SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

**Environmental precautions:** Not determined

**Methods and materials for containment and cleaning up:** Ventilate area. Extinguish all ignition sources. Contain spill. Cover with absorbent material. Collect spilled material. Clean up residue. Place in an approved metal container and seal.

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling:</b>	Keep container tightly closed. Keep away from heat, sparks, open flame, and other sources of ignition. Prevent all sources of ignition. Combustible liquid and vapor. Avoid contact with water. No smoking while handling
<b>Conditions for safe storage:</b>	Store in a cool place. Keep container dry. Keep container in well-ventilated area.
<b>Storage incompatibilities:</b>	Store away from acids. Store away from heat.  Incompatibilities: Strong oxidizers, potassium dioxide, bromine pentafluoride, acetyl bromide, acetyl chloride, platinum, sodium, peroxides, polymerizers, strong alkalis, moisture, chlorosulfonic acid

## 8. EXPOSURECONTROLS / PERSONAL PROTECTION

<b>Exposure Limit Values:</b>	<b>ACGIH Exposure Limits:</b> Ethyl Alcohol (Ethanol) TWA 1000 PPM Ethyl Alcohol (Ethanol) TWA 1880 mg/m <sup>3</sup>  Isopropyl Alcohol TWA 200 PPM Isopropyl Alcohol TWA 493 mg/m <sup>3</sup> Isopropyl Alcohol STEL 400 PPM Isopropyl Alcohol STEL 980 mg/m <sup>3</sup>  <b>OSHA Exposure Limits:</b> Ethyl Alcohol (Ethanol) TWA 1000 PPM Ethyl Alcohol (Ethanol) TWA 1900 mg/m <sup>3</sup>  Isopropyl Alcohol TWA 400 PPM Isopropyl Alcohol TWA 980 mg/m <sup>3</sup> Isopropyl Alcohol STEL 500 PPM Isopropyl Alcohol STEL 1225 mg/m <sup>3</sup>
<b>Appropriate engineering controls:</b>	Provide sufficient ventilation to maintain emissions below Recommended exposure limits.
<b>Personal protective equipment:</b>	<b>Eye protection:</b> Avoid eye contact. Wear unvented goggles during operations in which exposure is likely. <b>Skin protection:</b> Wear appropriate gloves when handling this material. Gloves made from the following materials(s) are recommended: Butyl rubber, fluoroelastomer (Viton). Use one or more of the following personal protection items as necessary to prevent skin contact: apron, protective garments made of similar compatible material. <b>Respiratory protection:</b> Normal work and hygiene practices for handling non-hazardous liquid material.

## 9. Physical and chemical properties

<b>Appearance:</b>	Emulsion milky white
<b>Odor:</b>	Slight alcohol odor
<b>Odor threshold:</b>	Not measured
<b>pH</b>	3 - 5
<b>Melting/Freezing point</b>	Not measured
<b>Boiling point/Boiling point range:</b>	185 F
<b>Flash point</b>	72 °F (closed cup)
<b>Evaporation rate</b>	<1 (Toluene = 1)
<b>Flammability:</b>	Not measured
<b>Upper/lower flammability or explosive limits:</b>	Not measured
<b>Vapor pressure:</b>	VP of VOC @ 20 C ca. 3.8 mmHg
<b>Vapor density</b>	Not measured
<b>Relative density:</b>	Not measured
<b>Solubility(ies)</b>	Not measured
<b>Partition coefficient: n-octanol/water</b>	Not measured
<b>Autoignition temperature</b>	Not measured
<b>Decomposition temperature</b>	Not measured
<b>Viscosity</b>	3 – 9 Centipoise

## 10. STABILITY AND REACTIVITY

<b>Chemical stability:</b>	Stable
<b>Possible hazardous reactions:</b>	Hazardous polymerization will not occur.
<b>Conditions to avoid:</b>	Keep away from heat, sparks, open flame, hot surfaces – No smoking
<b>Incompatible materials</b>	Not determined
<b>Hazardous decomposition products</b>	May form toxic materials: carbon dioxide and carbon monoxide, various hydrocarbons, etc.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute toxicity:</b>	Category 4  Values: Ethanol Oral, mouse: LD50 = 3,450 mg/kg; Oral, rabbit: LD50 = 6,300 mg/kg; Oral, rat: LD50 = 9,000 mg/kg; Oral, rat: LD50 = 7,060 mg/kg;  Polyhydric alcohol 15,900 mg/kg oral rat LD50  Isopropanol Inhalation, mouse: LC50 = 53,000 mg/m <sup>3</sup> ; Inhalation, rat: LC50 = 16,000 ppm/8H; Inhalation, rat: LC50 = 72,600 mg/m <sup>3</sup> ; Oral, mouse: LD50 = 3,600 mg/kg; Oral, mouse: LD50 = 3,600 mg/kg; Oral, rabbit: LD50 = 6,410 mg/kg; Oral, rat: LD50 = 5,045 mg/kg; Oral, rat: LD50 = 5,000 mg/kg; Skin, rabbit: LD50 = 12,800 mg/kg  Estimated that 25-40% of the mixture consists of ingredient(s) of unknown toxicity.
<b>Chronic toxicity:</b>	None known
<b>Delayed effects:</b>	None known
<b>Immediate effects:</b>	See Section 4
<b>Carcinogenic:</b>	Does not contain chemicals listed as potential carcinogen in National Toxicology Program (NTP) Report on Carcinogens (latest edition), International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA.
<b>Symptoms</b>	See Section 4
<b>Eye effects:</b>	See Section 4
<b>Skin effects:</b>	See Section 4 Ethanol Draize test, rabbit, eye: 500 mg Severe; Draize test, rabbit, eye: 500 mg/24H Mild; Draize test, rabbit, skin: 20 mg/24H Moderate;  Isopropanol Draize test, rabbit, eye: 100 mg Severe; Draize test, rabbit, eye: 10 mg Moderate; Draize test, rabbit, eye: 100 mg/24H Moderate; Draize test, rabbit, skin: 500 mg Mild;
<b>Ingestion effects:</b>	See Section 4
<b>Other symptoms:</b>	See Section 4

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Isopropyl Alcohol Fish: Rainbow trout: 96-hr LC50 = 12,900-15,300 mg/L; Rainbow trout fingerling: 24-hr LC50 = 11,200 mg/L Algae: Phytobacterium phosphoreum: 5-30 min EC50 = 34,900 mg/L
<b>Persistence and degradability:</b>	Not measured
<b>Bioaccumulative potential:</b>	Not measured
<b>Mobility in soil:</b>	Not measured
<b>Other adverse effects</b>	None known

## 13. DISPOSAL CONSIDERATIONS

<b>Description of waste residues:</b>	U.S. EPA Hazardous Waste Number: D001 (Ignitable)
<b>Safe handling as waste:</b>	Refer to Section 7. Handling and Storage
<b>Methods of disposal:</b>	Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity.
<b>Disposal of contaminated packaging:</b>	Since regulations vary, consult applicable regulations or authorities before disposal. In the event of an uncontrolled release of this material, the user should determine if the release qualifies as a reportable quantity.

## 14. TRANSPORTATION INFORMATION .

<b>UN number:</b>	UN1133
<b>UN proper shipping name:</b>	Adhesive
<b>Transport Hazard class(es):</b>	3
<b>Packing group:</b>	II
<b>Marine pollutant (Yes/No)</b>	No
<b>Special precautions for transport or conveyance:</b>	For all transportation accidents, Call CHEMTREC at 800-424-9300

## 15. REGULATORY INFORMATION

<b>CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQ :</b>	This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372.
<b>CERCLA/SARA - Section 311/312 (Title III Hazard Categories)</b>	Acute Health: Yes Chronic Health: No Fire Hazard: Yes Pressure Hazard: No Reactive Hazard: No
<b>CERCLA/SARA - Section 313:</b>	This material contains any chemicals that may be subject to the reporting requirements of SARA 313 and 40 CFR 372:  Isopropyl Alcohol (CAS 67-63-0)
<b>Clean Air Act:</b>	Volatile Organic Compounds: approximately 210 g/L  VOC Less H2O & Exempt Solvents: approximately 565 g/L
<b>TSCA:</b>	All components are either listed on the US TSCA Inventory, or are not regulated under TSCA
<b>WHMIS Classification (Canada)</b>	All constituents are on DSL
<b>California Proposition 65:</b>	This material does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm at concentrations that trigger the warning requirements of California Proposition 65.

## 16. ADDITIONAL INFORMATION

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. NEKOOSA COATED PRODUCTS LLC MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Nekoosa Coated Products LLC product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of an Nekoosa Coated Products LLC product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Nekoosa Coated Products LLC product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.

Nekoosa Coated Products LLC. All rights reserved. Copying and/or downloading of this information for the purpose of properly utilizing Nekoosa Coated Products LLC products are allowed provided that:

- 1) the information is copied in full with no changes unless prior agreement is obtained from Nekoosa Coated Products LLC, and
- 2) neither the copy nor the original is resold or otherwise distributed with the intention of earning a profit thereon.

Nekoosa Coated Products LLC provides information in electronic form as a service to its customers. Due to the remote possibility that electronic transfer may have resulted in errors, omissions or alterations in this information, Nekoosa Coated Products LLC makes no representations as to its completeness or accuracy. In addition, information obtained from a database may not be as current as the information in the MSDS available directly from Nekoosa Coated Products LLC.