

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
Category 2 - Eye irritant  

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

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: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail. The records should be kept up-to-date and should be easily accessible to all relevant parties.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include direct observation, interviews, and the use of specialized software. Each method has its own strengths and weaknesses, and it is important to choose the most appropriate one for the specific situation. The data collected should be carefully analyzed to identify trends and patterns that can be used to inform decision-making.

3. The third part of the document describes the process of reporting the results of the research. This involves preparing clear and concise reports that summarize the findings and provide recommendations for action. The reports should be written in a way that is easy to understand and should be distributed to all relevant stakeholders. It is also important to ensure that the reports are accurate and that the data has been properly verified.

4. The fourth part of the document discusses the importance of maintaining confidentiality and security of the data. This is particularly important when dealing with sensitive information. All data should be stored securely and access should be restricted to only those who need it. It is also important to ensure that the data is backed up regularly to prevent loss in the event of a disaster.

5. The final part of the document provides a summary of the key points discussed and offers some final thoughts on the importance of good data management practices. It is clear that effective data management is essential for the success of any organization and that it should be a top priority for all businesses.

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| | If eye irritation persists: Get medical advice/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: | <p>Eye: Eye Irritation: signs/symptoms can include redness, swelling, pain, and tearing.</p> <p>Skin: Mild Skin Irritation (after prolonged or repeated contact): signs/symptoms can include redness, swelling, and itching.</p> <p>Ingestion: Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.</p> <p>Inhalation: No adverse health effects are expected from inhalation exposure.</p> |
| Immediate Medical Attention or Special Treatment Needed: | See above |

5. FIRE FIGHTING MEASURES

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| NFPA HAZARD CODES: | HEALTH: | 1 |
| | FIRE: | 3 |
| | REACTIVITY: | 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

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| 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

Precautions for safe handling:

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

Conditions for safe storage:

Store in a cool place. Keep container dry. Keep container in well-ventilated area.

Storage incompatibilities:

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. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limit Values:

ACGIH Exposure Limits:

Ethyl Alcohol (Ethanol) TWA 1000 ppm
Ethyl Alcohol (Ethanol) TWA 1880 mg/m³

Isopropyl Alcohol TWA 200 ppm
Isopropyl Alcohol TWA 493 mg/m³
Isopropyl Alcohol STEL 400 ppm
Isopropyl Alcohol STEL 980 mg/m³

OSHA Exposure Limits:

Ethyl Alcohol (Ethanol) TWA 1000 PPM
Ethyl Alcohol (Ethanol) TWA 1900 mg/m³

Isopropyl Alcohol TWA 400 ppm
Isopropyl Alcohol TWA 980 mg/m³
Isopropyl Alcohol STEL 500 ppm
Isopropyl Alcohol STEL 1225 mg/m³

Appropriate engineering controls:

Provide sufficient ventilation to maintain emissions below Recommended exposure limits.

Personal protective equipment:

Eye protection:

Avoid eye contact. Wear unvented goggles during operations in which exposure is likely.

Skin protection:

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.

Respiratory protection:

Normal work and hygiene practices for handling flammable liquid material.

9. Physical and chemical properties

Appearance:

Emulsion milky white

Odor:

Slight alcohol odor

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

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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| Acute toxicity: | 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/m³;
Inhalation, rat: LC50 = 16,000 ppm/8H;
Inhalation, rat: LC50 = 72,600 mg/m³;
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.

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| Chronic toxicity: | None known |
| Delayed effects: | None known |
| Immediate effects: | See Section 4 |
| Carcinogenic: | 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. |
| Symptoms | See Section 4 |
| Eye effects: | Eye irritant -Category 2 Ethanol Draize test, rabbit, eye: 500 mg Severe; Draize test, rabbit, eye: 500 mg/24H Mild; Isopropanol Draize test, rabbit, eye: 100 mg Severe; Draize test, rabbit, eye: 10 mg Moderate; Draize test, rabbit, eye: 100 mg/24H Moderate; |
| Skin effects: | See Section 4 Ethanol Draize test, rabbit, skin: 20 mg/24H Moderate; Isopropanol Draize test, rabbit, skin: 500 mg Mild; |
| Ingestion effects: | See Section 4 |
| Other symptoms: | See Section 4 |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity: | Isopropyl Alcohol Fish: Rainbow trout: 96-hr LC50 = 12,900-15,300 mg/L; Rainbow trout fingerling: 24-hr LC50 = 11,200 mg/L |
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Algae:
Phytobacterium phosphoreum: 5-30 min EC50 = 34,900 mg/L

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| Persistence and degradability: | Not measured |
| Bioaccumulative potential: | Not measured |
| Mobility in soil: | Not measured |
| Other adverse effects | None known |

13. DISPOSAL CONSIDERATIONS

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| Description of waste residues: | U.S. EPA Hazardous Waste Number: D001 (Ignitable) |
| Safe handling as waste: | Refer to Section 7. Handling and Storage |
| Methods of disposal: | 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. |
| Disposal of contaminated packaging: | 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

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

15. REGULATORY INFORMATION

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| CERCLA/SARA - Section 302 Extremely Hazardous Substances and TPQ : | This material does not contain any chemicals subject to the reporting requirements of SARA 302 and 40 CFR 372. |
| CERCLA/SARA - Section 311/312 (Title III Hazard Categories) | Acute Health: Yes Chronic Health: No Fire Hazard: Yes Pressure Hazard: No Reactive Hazard: No |

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| CERCLA/SARA - Section 313: | 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) |
| Clean Air Act: | Volatile Organic Compounds: approximately 210 g/L VOC Less H2O & Exempt Solvents: approximately 565 g/L |
| TSCA: | All components are either listed on the US TSCA Inventory, or are not regulated under TSCA |
| WHMIS Classification (Canada) | All constituents are on DSL |
| California Proposition 65: | 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.

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