

Material Safety Data Sheet

INFORMATION TELEPHONE NO. 1-919-433-1334

MSDS No: 5726 SWIFT (R) 45675-1Z

Forbo Adhesives, LLC

P.O. Box 110447

ALL CHEMICAL EMERGENCIES

Research Triangle Park, NC 27709-0447

1-800-424-9300

Effective Date: 01/23/07

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1. PRODUCT IDENTIFICATION

Trade Name: SWIFT (R) 45675-1Z
Chemical Family: Aqueous Adhesive
Intended Use: Adhesive

NFPA Hazard Classification

Health Hazard: 1
Fire Hazard: 0
Reactivity: 0
Special Hazard:

HMIS Hazard Classification:

Health: 1 Slight Hazard
Flammability: 0 Minimal Hazard
Reactivity: 0 Minimal Hazard
Personal Protection:

2. COMPOSITION / INFORMATION ON INGREDIENTS

Table with 6 columns: CAS No., Name, ACGIH TLV (TWA), OSHA (STEL), PEL, AMOUNT. Rows include Water and Proprietary Vinyl Copolymer.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Appearance: White Liquid, Slight acetic odor. Vapors may cause eye irritation. Vapors are irritating to the respiratory tract. Contact may cause skin irritation.

Route(s) of Entry:

Inhalation, skin and eye contact.

Acute Exposure:

EYES: Direct contact with this material may cause eye irritation including tearing and redness. INHALATION: Inhalation of vapor or aerosol causes irritation of the respiratory tract (nose, throat, and lungs). SKIN: Contact may cause skin irritation. INGESTION: No hazard in normal industrial use.

Chronic Exposure:

Prolonged or repeated contact with skin may cause irritation and

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dermatitis (inflammation).

Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the Occupational Safety and Health Administration (OSHA) as a carcinogen.

4. FIRST AID MEASURES

Eye Contact:

Immediately flush eyes with large quantities of clean water for at least 15 minutes. Get immediate medical attention.

Skin Contact:

Wash skin with soap and water. Remove contaminated clothing. Get medical attention if irritation develops or persists. Wash contaminated clothing before reuse.

Ingestion:

Give the victim one or two glasses of water or milk to drink. Never give anything by mouth to an unconscious person. IMMEDIATELY SEEK MEDICAL

ATTENTION.

Inhalation:

Remove affected individual(s) to fresh air. Seek medical attention if breathing difficulty develops.

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5. FIRE FIGHTING MEASURES

Flash Point: Not applicable
Flammable Limits in Air (Lower): Not applicable
Flammable Limits in Air (Upper): Not applicable
Autoignition: Not applicable

Fire Fighting Extinguishing Media:

Use carbon dioxide, foam, dry chemical or water fog to extinguish fire.

Fire Fighting Equipment:

Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Thoroughly decontaminate all protective equipment after use.

Fire Fighting Instructions:

Containers of this material may build up pressure if exposed to heat (fire). Use water spray to cool fire-exposed containers.

Fire and Explosion Hazards:

This material will not burn unless it is evaporated to dryness. Closed containers may rupture when exposed to extreme heat.

Hazardous Combustion Products:

Irritating and toxic gases, vapors, and dusts may be generated and released during combustion.

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6. ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:

Barricade the area to restrict access. SMALL SPILL: Absorb the liquid

with inert material (such as dry sand or earth) and place it in a chemical waste container. LARGE SPILL: Persons not wearing protective equipment (see Section 8) should be evacuated from area of spill until cleanup has been completed. Stop leak at source when it is safe to do so. Dike and pump the liquid into waste containers. Prevent spilled material from 1) contaminating soil, 2) entering sanitary sewers, storm sewers, and drainage systems, and 3) entering bodies of water or ditches that lead to waterways. After clean-up, wash the contaminated area with detergent and water.

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7. HANDLING AND STORAGE

Signal Word:

C A U T I O N

Handling Information:

An eyewash station and a safety shower should be readily accessible to workers wherever this material is stored or used.

Storage Information:

Keep from freezing. Store in a dry area.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

There are no Occupational Safety and Health (OSHA) Permissible Exposure Limits (PEL) or American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values (TLV) or Short Term Exposure Limits (STEL) established for the component(s) of this product.

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels of irritating vapors.

Eye Protection:

Wear 1) safety glasses with side shields and a faceshield or 2) goggles and a faceshield.

Skin Protection:

Nitrile, neoprene (R) , or rubber gloves should provide protection against skin contact.

Respiratory Protection:

Respiratory protection is not generally required during normal use and handling. The need for respiratory protection should be evaluated if this material is sprayed or heated in poorly ventilated areas.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Color: White
Odor: Slight acetic
Odor Threshold: Not available
Physical State: Liquid
Solubility in Water: Dispersible
Viscosity: 1900 - 2800 cps at 79 degrees F (26 degrees C)
Vapor Pressure: Not available
Specific Gravity: 1.07 (Water = 1) at 25 degrees C (77 degrees F)
Boiling Point: > 212 degrees F (> 100 degrees C) Water
Melting Point: Not available
Freezing Point: < 32 degrees F (< 0 degrees C) Water
Evaporation Rate: < 1 (BuAc=1)
Vapor Density: 1 (AIR=1)
% Volatile: 43 - 47 %
pH: 4 - 5.5
Coefficient of water/oil: Not available

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10. STABILITY AND REACTIVITY

Stability:
Stable at normal temperatures and storage conditions.
Incompatibility:
No incompatibilities have been identified.
Hazardous Decomposition Products:
Thermal decomposition may produce various hydrocarbons and irritating, acrid vapors. Acetic acid Acrolein
Hazardous Polymerization:
Hazardous polymerization will NOT occur.
Conditions to Avoid:
Freezing temperatures (less than 32 degrees F or 0 degrees C).

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11. TOXICOLOGICAL INFORMATION

Acute Eye Toxicity:

No information is available.

Acute Skin Toxicity:

No information is available.

Acute Inhalation Toxicity:

No information is available. Aerosol may be irritating.

Acute Oral Toxicity:

No information is available.

Chronic/Carcinogenicity:

This material does not contain 0.1% or more of any chemical listed by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or regulated by the United States Occupational

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Safety and Health Administration (OSHA) as a carcinogen.

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12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data is available.

Environmental Fate:

No data is available.

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13. DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Not a RCRA hazardous waste. Disposal of this material is not regulated under RCRA. Consult federal, state and local regulations to ensure that

this material and its containers, if discarded, is disposed of in compliance with all regulatory requirements.

RCRA Hazard Class:

NOT A RCRA HAZARDOUS WASTE: When discarded in its purchased form, this material would not be regulated as a RCRA Hazardous waste under 40 CFR 261.

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14. TRANSPORT INFORMATION

DOT / IATA / IMDG / TDG: Bulk and Non-Bulk
Proper Shipping Name: NOT REGULATED
Label:
Placard:

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15. REGULATORY INFORMATION

Occupational Safety and Health Act (OSHA):
This material is not classified as hazardous under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

SARA Title III: Section 304 - CERCLA:
Reportable Quantities have not been established for any of this material's components.

SARA Title III: Section 311/312 - Hazard Communication Standard (HCS):
This material is not a hazardous chemical

SARA Title III: Section 313 Toxic Chemical List (TCL):
This product does not contain Section 313 Reportable Ingredients.

TSCA Section 8(b) - Inventory Status:
All components of this material are listed on the US Toxic Substances
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Control Act (TSCA) inventory.
TSCA Section 12(b) - Export Notification:

This material does not contain any components that are subject to the US Toxic Substances Control Act (TSCA) Section 12(b) Export Notification requirements.

Australian Inventory Status:

This product contains only chemicals which are currently listed on the Australian Inventory of Chemical Substances.

Canadian Inventory Status:

All components of this material are listed on the Canadian Domestic Substances List (DSL).

Canadian WHMIS:

This material is not classified as a controlled product under the Canadian Workplace Hazardous Material Information System.

European Inventory Status (EINECS):

All components are either listed or are exempt from being listed, on the EINECS chemical inventory. The polymer portion of this product is manufactured from reactants which are listed on EINECS and meets the EINECS definition of an exempt polymer.

Korean Inventory Status:

This product contains only chemicals which are currently listed on the Korean Chemical Substances List.

California Proposition 65:

W A R N I N G: This material contains a chemical known to the State of California to cause cancer. The California Safe Drinking Water and Toxic Enforcement Act of 1986 requires that clear and reasonable warning be given prior to exposing any person to this chemical:

Additional Canadian Regulatory Information:

This product does not contain a substance present on the WHMIS Ingredient Disclosure List (IDL) which is at or above the specified concentration limit.

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16. OTHER INFORMATION

MSDS No: 5726
Reason Issued: Updated
Prepared By: Product Safety & Compliance Department
Supersedes Date: 02/07/03

Disclaimer:

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