



SAFETY DATA SHEET

Revision date 4/5/23

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SECTION 1: IDENTIFICATION

Product code	ASA-3945
Product class	Hot melt pressure sensitive adhesive
Intended use of the product	Intended for industrial use with a hot melt equipment
Supplier information	American Standard Adhesives, Inc. 5061 Brooks St. Ste B Montclair, CA 91763 USA Toll Free: +1 877 272-4582 Fax: +1 866-232-1888 Email: Service@asaglu.com

SECTION 2: HAZARD(S) IDENTIFICATION

Chemical hazard class	Not classified as hazardous according to OSHA Hazard Communication Standard 29 CFR 1910.1200.
Label elements	
Signal words	Not applicable
Symbols	Not applicable
Pictograms	Not applicable
Supplemental Information	Wear protective gear for hands, face, eyes, and clothing while handling materials in a molten state. Avoid contact with molten hot melt, pre-melter, or applicator tip. Avoid direct eye exposure to vapors. In case of eye/skin contact with molten material, immediately flush with cold water and cover with a clean dressing. Do not attempt to remove molten material. Have a burn treated by a physician. May cause thermal burns.



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	CONCENTRATION PERCENTAGE (%)
Styrene-Butadiene Rubber	9003-55-8	20-30
Hydrogenated petroleum resin	69430-35-9	50-60
Petroleum oil	64742-54-7	10-20
Rosinester	8050-26-8	5-10

SECTION 4: FIRST AID MEASURES

General information

No special measures required. If you feel unwell, seek medical advice (show the label is possible).

Inhalation

No need for first aid is anticipated. Non-molten glue is not expected to have any adverse effects. If molten glue is inhaled, move to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

Skin Contact

Immediately flush skin with large amounts of cold water for at least 15 minutes. **DO NOT ATTEMPT TO REMOVE SOLIDIFIED MATERIAL.** Cover affected area with a clean dressing. Get immediate medical attention.

Eye Contact

Non-molten glue is not expected to have any adverse effect. If molten glue contacts the eye, rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention immediately.

Ingestion

No special measures are necessary. If you feel unwell, seek medical attention.

Most important symptoms and effects, both acute and delayed

Ingredients are of low toxicity in nature. If it does have effects, it will be on the central nervous system.



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Indication of any immediate medical attention and special treatment needed

If medical advice is needed, have product container label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

**Extinguishing Media
Fire-fighting procedures**

Use CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.

**Advice for Firefighters
Precautionary measures
Protection during
firefighting**

Exercise caution when fighting any chemical fire
Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous decomposition or by-products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During combustion
Carbon dioxide	During combustion

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Ventilate the area with fresh air. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

Environmental precautions

Avoid release to the environment. Do not allow product to reach sewer system or open water. Prevent from spreading (e.g., by damming-in or oil barriers).

Methods and materials for containment and cleaning up

Absorb with liquid binding materials (sand, diatomite, acid binders, general-purpose binders, sawdust). Allow to solidify. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue. Seal the container. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Ensure that suitable extractors/ventilation systems are available on processing machines and in the workplace. Avoid contact with oxidizing agents (e.g. chlorine, chromic acid, etc.)



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Conditions for safe storage

Store in cool, dry place in tightly closed containers. No more than 140 °F (60°C) ambient temperature. Avoid direct contact with sunlight or heat source. Store away from heat and oxidizing agents.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in [Section 3](#) of this SDS.

Personal protective equipment (PPE)

Personal protective equipment

The standard precautionary measures for handling chemicals should be observed. Wash hands before breaks and at the end of work. Avoid skin contact with the liquefied material.

Respiratory protection

Not necessary if room is well-ventilated.

Skin/hand protection

Not required.

Eye/face protection

Select and use eye/face protection to prevent contact based on the results of an exposure assessment. Full face shield and indirect vented goggles are recommended during refilling and spraying.

Thermal hazards

Wear heat insulating gloves when handling hot material to prevent thermal burns.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Pillow
Color	Yellow
PH value	-
Odor	None
Specific Gravity	- [Ref std: Water = 1]
Solubility in water	Insoluble
Vapor pressure (mmm Hg)	-
Vapor density	-
Evaporation rate	-



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Flash Point	>212°F (>100°C)
Softening point	158-194°F (70-90°C)
Auto-ignition	-
Lower/upper flammable limits	-
Flammability (solid, gas)	-
Decomposition temperature	-
Partition coefficient (n-octanol/water)	-

SECTION 10: STABILITY AND REACTIVITY

Reactivity	None known
Chemical stability	Stable under recommended handling and storage conditions. See Section 7 .
Possible hazardous reactions	The following conditions may increase the chance of fire and explosion: static electricity, spark, fire, flammable material, strong oxidant (e.g., peroxide, nitrate, perchlorate)
Conditions to avoid	Prolong overheating
Possible hazard reaction	Toxic fumes may be released if heated above the decomposition point. No dangerous reactions known.
Hazardous decomposition products	Carbon dioxide, carbon monoxide, and organic vapors.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects	Based on test data and/or information on the components, this material may produce the following health effects:
Signs and symptoms of exposure	
Inhalation	No health effects are expected.
Skin contact	During heating, contact with skin may lead to thermal burns that include signs/symptoms of intense pain, redness, swelling, and tissue destruction.



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Eye contact	During heating, contact with skin may lead to thermal burns that include signs/symptoms of intense pain, redness, swelling, and tissue destruction.
Ingestion	No known health effects.
Additional toxicology information	When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic toxicity	No relevant information available
Persistence and degradability	No relevant information available
Behavior in environmental systems	No relevant information available
Results of PBT and vPvB assessment	No relevant information available
Other adverse effects	Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

Sewage disposal recommendations	Do not dispose waste into sewer
Waste disposal recommendation	Must not be disposed together with household garbage. Dispose contents in accordance with the local/regional/national/international regulations. Empty contaminated packaging thoroughly. They can be recycled after thorough and property cleaning. Packaging that cannot be cleaned are to be disposed off in the same manner as the product.

Consult all relevant authorities and regulation prior to disposal to ensure proper classification. Use an approved industrial waste facility to dispose off waste products. As an alternative, an authorized waste incineration plan could be used as a method of disposal.



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SECTION 14: TRANSPORT INFORMATION

In accordance with DOT	Not regulated for transport
In accordance with IMDG	Not regulated for transport
In accordance with IATA	Not regulated for transport
In accordance with TDG	Not regulated for transport

These transportation categories are offered as a convenience to the customer.

YOU, the shipper, are still in charge of adhering to all rules and legislation that may be in force, including the right packaging and transportation classification.

The transportation classes used by American Standard Adhesives (ASA) are determined by the product compositions, packaging, corporate policies, and ASA's understanding of the relevant current regulations. The accuracy of this classification information is not guaranteed by ASA. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original ASA package is certified for U.S. ground and ocean shipment only. If you are shipping by air, please verify the applicable regulatory requirements.

SECTION 15: REGULATORY INFORMATION

US federal regulations	The components of this product are listed in the TSCA Inventory.
US state regulations	Neither this product or its chemical components appear on any US state lists.
Canadian regulations	The components of this product are on the DSL inventory or are exempt from listing.
International regulations	Contact American Standard Adhesives for more information.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200



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SECTION 16: OTHER INFORMATION

Party responsible for the preparation of this document American Standard Adhesives, Inc.
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As of the date of issuance, the information provided in this Safety Data Sheet is accurate. To the best of our knowledge and after careful preparation, it is truthful and correct. The recommendations and information provided for this product are given with the assumption that the purchaser will independently evaluate them.

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