

SAFETY DATA SHEET

H176 General Purpose Hot Melt Adhesive

1. Identification

Product identifier

Product name H176 General Purpose Hot Melt Adhesive USA

Product number

Recommended use of the chemical and restrictions on use

Application Hot-melt Adhesive

Details of the supplier of the safety data sheet

Supplier Applichem Inc
 3211 Nebraska Ave
 Council Bluffs, IA 51501
 (402) 731 9300
 (402) 731 1473
 info@applicheminc.com

Emergency telephone number

Emergency telephone Chemtrec: 1 800 424 9300

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

Human health Adhesive is above boiling point when being applied. Risk of serious burns. If Hot Melt Adhesive gets on skin do not immediately rub off, instead allow to dry and peel adhesive off to prevent further burns. Bonds skin and eyes in seconds. The liquid may be irritating to eyes, respiratory system and skin.

Label elements

Pictogram



Hazard statements NC Not Classified

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

H176 General Purpose Hot Melt Adhesive

Distillates (Petroleum), Hydrotreated Heavy Naphthenic CAS number: 64742-52-5	1-5%
Classification Not Classified	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Get medical attention if any discomfort continues. Contact with molten product can cause serious thermal burns.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention immediately.
Skin Contact	Following contact with hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat and cover with clean cotton sheeting or gauze. If adhesive bonding occurs, do not force skin apart. Get immediate medical attention if blistering or severe burning occurs, especially if on face.
Eye contact	May cause permanent damage if eye is not immediately irrigated. Lift upper and lower eyelids occasionally. Continue to rinse for at least 15 minutes. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

Inhalation	No specific symptoms known. May cause eye and respiratory system irritation. Contact with molten product can cause serious thermal burns.
Ingestion	Contact with molten product can cause serious thermal burns. Harmful if swallowed. Ingestion of molten material can cause burns to mouth and throat. Can solidify in the body and may cause physical blockage. Non- to mild irritant if swallowed when cured.
Skin contact	Contact with hot product can cause serious thermal burns. Causes severe skin burns and eye damage. Harmful: possible risk of irreversible effects in contact with skin.
Eye contact	Contact with hot product can cause serious thermal burns. May cause serious eye damage. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Corneal damage.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

Environmental precautions

H176 General Purpose Hot Melt Adhesive

Environmental precautions No negative effects on the aquatic environment are known. The product is insoluble in water and will sediment in water systems.

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Wear necessary protective equipment. Do not touch or walk into spilled material. Dampen spillage with water. Shovel spilled material into a dry container.

7. Handling and storage

Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Contact with hot product can cause serious thermal burns. Keep out of the reach of children.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Distillates (Petroleum), Hydrotreated Heavy Naphthenic

Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Use approved safety goggles or face shield.

Hand protection

Wear protective gloves.

Other skin and body protection

Wear apron or protective clothing in case of contact.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

Thermal hazards

Contact with hot product can cause serious thermal burns. If there is a risk of contact with hot product, all protective equipment worn should be suitable for use with high temperatures.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance Solid at room temperature, becomes liquid with heat.

Color Yellowish

Odor Mild. Plastic.

Flash point 450°F

Vapor density Heavier than air

H176 General Purpose Hot Melt Adhesive

Relative density	0.98-1.0
Solubility(ies)	Insoluble in water

10. Stability and reactivity

Reactivity	Strong oxidizing agents.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.
Materials to avoid	Avoid contact with strong oxidizing agents.
Hazardous decomposition products	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂). Nitrous gases (NO _x). Hydrogen cyanide (HCN).

11. Toxicological information

Information on toxicological effects

Toxicological information on ingredients.

Distillates (Petroleum), Hydrotreated Heavy Naphthenic

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,000.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 5,000.0

Species Rabbit

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ vapours mg/l) 5.0

Species Rat

12. Ecological Information

13. Disposal considerations

Waste treatment methods

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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14. Transport information

General	Not regulated.
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UN proper shipping name

Proper shipping name (TDG) Not Regulated For Shipping

Proper shipping name (IMDG) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

H176 General Purpose Hot Melt Adhesive

Proper shipping name (ICAO) CHEMICAL UNDER PRESSURE, FLAMMABLE, N.O.S.

Proper shipping name (DOT) Not Regulated For Shipping

Transport hazard class(es)

Transport labels

No transport warning sign required.

Packing group

Not applicable.

15. Regulatory information

16. Other information

Revision date	4/6/2018
Revision	9
Supersedes date	4/2/2018
SDS No.	22277
NFPA - health hazard	Irritation, minor residual injury. (1)
NFPA - flammability hazard	Will not burn. (0)
ACA HMIS Health rating.	Slight hazard. (1)
ACA HMIS Flammability rating.	Will not burn. (0)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	B

DIRECTIONS FOR USE

PRODUCT LOGO

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer 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. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.