

Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: ASURE CC1443

Product type/use: Hotmelt adhesive

Restriction of Use: None identified

Company address:
APPLIED Products, Inc.
6035 Baker Road
Minnetonka, MN 55345

Region: United States

Contact information:
Telephone: (800) 365-2480

Emergency Telephone:
Chemtrec: 800.424.9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

MOLTEN ADHESIVE MAY CAUSE SEVERE BURNS.
STATIC CHARGES GENERATED BY EMPTYING PACKAGE IN OR NEAR
FLAMMABLE VAPORS MAY CAUSE IGNITION.
VAPORS ABOVE MOLTEN ADHESIVE MAY CAUSE EYE, SKIN AND
RESPIRATORY TRACT IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
None	None

PICTOGRAM(S)
None

Precautionary Statements

Prevention: Not prescribed
Response: Not prescribed
Storage: Not prescribed
Disposal: Not prescribed

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	20 - 30
Ethene, homopolymer	9002-88-4	1 - 5
Talc	14807-96-6	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.
Skin contact:	Molten adhesive may cause severe burns. Cool melted product on skin with plenty of water. Do not remove solidified product. No attempt should be made to remove material from skin or to remove contaminated clothing as damaged skin can be easily torn. Cover affected areas with clean sheeting or gauze and seek immediate medical attention.
Eye contact:	If eye contact occurs with molten material immediately cool with water. Do not remove adhesive. Seek medical attention.
Ingestion:	Ingestion of solid adhesive is not expected to be hazardous. If symptoms develop and persist, get medical attention.
Symptoms:	See Section 11.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Use extinguishing measures appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide.
Special firefighting procedures:	Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA). Wear full protective clothing.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:	No special environmental precautions required. Do not allow material to contaminate ground water system.
Clean-up methods:	Spilled material will solidify. Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling:	Always be careful around molten material. Avoid skin contact with molten resins. Follow suggested application temperature. Do not wear contact lenses. At elevated temperatures, irritating fumes may be emitted. Provide adequate ventilation.
Storage:	For safe storage, store between 0.0 °C (32°F) and 38.0 °C (100.4 °F)

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m3 TWA Inhalable fraction.	500 ppm (2,000 mg/m3) PEL 5 mg/m3 PEL Mist.	None	None
Ethene, homopolymer	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles.	15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust.	None	None
Talc	2 mg/m3 TWA Respirable fraction.	0.1 mg/m3 TWA Respirable. 2.4 MPPCF TWA Respirable. 20 MPPCF TWA	None	50 ppm

Engineering controls:

Work should be done in an adequately ventilated area (i.e., ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination. Mineral oil mist exposure limits only apply when oil mists could be generated, such as spraying or use at elevated temperatures.
None expected.

Respiratory protection:

No personal respiratory protective equipment normally required. Where the potential exists for exposure to decomposition products due to heating or elevated temperatures, wear NIOSH approved respiratory protection as appropriate. Observe OSHA regulations for respirator use (29 CFR 1910.134).

Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Do not wear contact lenses.

Skin protection:

Insulated gloves and long sleeved clothing are strongly recommended when working with molten adhesive.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid
Color:	Translucent
Odor:	Mild
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	> 191 °C (> 375.8 °F)
Melting point/ range:	83 °C (181.4 °F) Melting point (Mettler)
Specific gravity:	0.98
Vapor density:	Not available.
Flash point:	> 260 °C (> 500°F) Cleveland open cup
Flammable/Explosive limits - lower:	Not applicable
Flammable/Explosive limits - upper:	Not applicable
Autoignition temperature:	Not applicable
Flammability:	Not applicable
Evaporation rate:	Not applicable

Solubility in water: Insoluble
Partition coefficient (n-octanol/water): Not available.
VOC content: 0 %
Viscosity: Not available.
Decomposition temperature: Not available.

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous reactions: Will not occur.
Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors. carbon monoxide carbon dioxide
Incompatible materials: Oxidizing agents.
Reactivity: Not available.
Conditions to avoid: To avoid thermal decomposition, do not overheat. Avoid temperatures above 200°C (392°F).

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: Dusts from solid adhesive may cause irritation. Continuous breathing of vapors above molten adhesive may irritate mucous membranes.
Skin contact: Solid adhesive has no hazards. Molten adhesive may cause severe burns.
Eye contact: Can cause mechanical irritation if dusts are generated. Fumes released during thermal processing may cause eye irritation. Molten adhesive in eyes will cause severe and permanent damage.
Ingestion: Not expected under normal conditions of use. Expected to be low in toxicity.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Distillates (petroleum), hydrotreated heavy naphthenic	Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = < 5.7 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l	Irritant
Ethene, homopolymer	None	No Target Organs
Talc	None	Irritant, Lung, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No
Ethene, homopolymer	No	No	No
Talc	No	Group 2B	No

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains, soil or bodies of water.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:	This product is not a RCRA hazardous waste when discarded. Processing, use, or contamination of this product may change the hazard classification and waste management options. Follow all local, state, federal and provincial regulations for disposal.
Hazardous waste number:	Not a RCRA hazardous waste.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

International Air Transportation (ICAO/IATA)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

Water Transportation (IMO/IMDG)

Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
TSCA 12 (b) Export Notification:	None above reporting de minimis
CERCLA/SARA Section 302 EHS:	None above reporting de minimis.
CERCLA/SARA Section 311/312:	None
CERCLA/SARA Section 313:	None above reporting de minimis.
California Proposition 65:	No California Proposition 65 listed chemicals are known to be present.

Canada Regulatory Information

CEPA DSL/NDL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.
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16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: Reviewed SDS. Reissued with new date.

Prepared by: Product Safety and Regulatory Affairs

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