

Safety Data Sheet

Section 1 -- Product Identification

Product Name (Number)	Asure SAF-T-Purge 200
Chemical Family	Hot Melt Purge
Company Identification	APPLIED Products, Inc. 6035 Baker Road Minnetonka, MN 55345 (800)365-2480 www.appliedadhesives.com
24 hr Emergency	(800)424-9300 Chemtrec

Section 2 – Hazards Identification 3

Classification of the chemical in accordance with paragraph (d) of §1910.1200;



Classification of the substance or mixture: **Aspiration Hazard – Category 1**
Signal word : **DANGER**

GHS HAZARD STATEMENTS:

GHS - Health Hazard Statement(s): : Aspiration Hazard – Category 1

GHS - Precautionary Statement(s) – Prevention:

No GHS prevention statements.

GHS - Precautionary Statement(s) - Response

No GHS response statements.

GHS - Precautionary Statement(s) - Storage

No GHS storage statements.

GHS - Precautionary Statement(s) - Disposal

No GHS disposal statements.

GHS label elements:

DANGER

May be fatal if swallowed and enters airways. **IF SWALLOWED:** Immediately call a POISON CENTER or doctor/physician; Do NOT induce vomiting; Dispose of contents/container to approved disposal facility

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Section 3 –Composition/Information on Ingredients

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

HAZARADOUS COMPONENT(S)	CAS#	EC#	%	GHS-US Classification
White Mineral Oil	8042-47-5	232-455-8	80	Aspiration Hazard – Category 1

Section 4 - First Aid Measures

In all cases of doubt, or when symptoms persist, seek medical attention.

INHALATION: Assure fresh air breathing. Allow the victim to rest. If breathing stops, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately. Give nothing by mouth. Inhalation of oil mists or vapors generated at elevated temperatures may cause respiratory irritation.

SKIN CONTACT: If on skin, wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse. Treat any skin irritation symptomatically. The specific treatment is flushing affected area with plenty of water. Contact with the skin is not expected to cause prolonged or significant irritation. Contact with the skin is not expected to cause an allergic skin response. Not expected to be harmful to internal organs if absorbed through the skin.

EYE CONTACT: If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, obtain immediate medical attention, preferably from an ophthalmologist. Not expected to cause prolonged or significant eye irritation.

INGESTION: Rinse mouth with water. Do not induce vomiting unless directed to do so by medical personnel. If conscious and alert, give 2 to 4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Obtain emergency medical attention.

Notes to Physician: Acute aspirations of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary abnormalities.

Section 5 - Fire Fighting Measures

FLASH POINT (COC): > 350° C

Extinguishing Media: Use foam, dry chemical, CO₂, or water spray. Sand. Do not use a heavy water stream.

Fire Fighting: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Do not enter fire area without proper protective equipment, including respiratory protection. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control. Cool adjacent structures and containers with water spray to protect and prevent ignition. Keep water runoff out of water supplies and sewers (see Section 6 of the MSDS).

Section 5 - Fire Fighting Measures Cont'd

Hazardous Combustion

Products: Highly dependent on combustion conditions. A complex mixture of airborne solids, liquids and gases including carbon monoxide, carbon dioxide and unidentified organic compounds will be evolved when this material undergoes combustion

Sensitivity to Mechanical

Impact: Not sensitive.

Sensitivity to Static Discharge: Not sensitive.

Lower Flammability Level (air): Not determined **Upper Flammability Level (air):** Not determined

Section 6 – Accidental Release Measures

NOTIFICATION PROCEDURES:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802.

PROTECTIVE MEASURES:

Avoid contact with spilled material. See Section 5 for firefighting information. See the Hazard Identification Section for Significant Hazards. See Section 4 for First Aid Advice. See Section 8 for advice on the minimum requirements for personal protective equipment. Additional protective measures may be necessary, depending on the specific circumstances and/or the expert judgment of the emergency responders.

SPILL MANAGEMENT

Land Spill: Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Recover by pumping or with suitable absorbent.

Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

Section 7 – Handling and Storage

Precautions for Safe Handling:

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Avoid contact with skin, eyes and clothing. To minimize the risk of fire and/or explosion; keep away from heat, sparks, and flame. Empty containers may contain: flammable, combustible, or explosive residue and vapors. Wear personal protective equipment as described in Exposure Controls/Personal Protection (Section 8) of the SDS. Spills will produce very slippery surfaces. Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force.

Safe Storage Conditions:

Store and handle in accordance with all current regulations and standards. Keep container tightly closed and properly labeled. Keep only in the original container in a cool, dry area. Store in a well-ventilated area. Do not reuse drum without recycling or reconditioning in accordance with any applicable federal, state or local laws. Do not use cutting or welding torches, open flames or electric arcs on empty or full containers. Keep separated from incompatible substances.

Section 8 - Exposure Controls / Personal Protection

Exposure limits/standards for materials that can be formed when handling this product: When mists/aerosols can occur the following are recommended: 10 mg/m³ - ACGIH TLV (inhalable fraction), 5 mg/m³ - OSHA (PEL, exposure limit for oil mists)..

NOTE: Limits/standards shown for guidance only. Follow applicable regulations.

ENGINEERING CONTROLS: The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

Control measures to consider: No special requirements under ordinary conditions of use and with adequate ventilation. General ventilation is normally adequate. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

PERSONAL PROTECTION

Personal protective equipment selections vary based on potential exposure conditions such as applications, handling practices, concentration and ventilation. Information on the selection of protective equipment for use with this material, as provided below, is based upon intended, normal usage. Avoid all unnecessary exposure.

Respiratory Protection: If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements, if applicable. Types of respirators to be considered for this material include:

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Air purifying respirators with organic vapor cartridges may be used if air-borne concentrations of the mixtures' components are known. For fires, spills, or situations where the airborne concentration of the chemical is unknown, use a NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA).

Section 8 - Exposure Controls / Personal Protection Cont'd

For high airborne concentrations, use an approved supplied-air respirator, operated in positive pressure mode. Supplied air respirators with an escape bottle may be appropriate when oxygen levels are inadequate, gas/vapor warning properties are poor, or if air purifying filter capacity/rating may be exceeded.

Hand Protection: Any specific glove information provided is based on published literature and glove manufacturer data. Glove suitability and breakthrough time will differ depending on the specific use conditions. Contact the glove manufacturer for specific advice on glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. The types of gloves to be considered for this material include:

No protection is ordinarily required under normal conditions of use.

If product is hot, thermally protective, chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet style gloves.

Eye Protection: If contact is likely, safety glasses with side shields are recommended. In addition to safety glasses, full face shield and/or chemical splash goggles should be worn depending on the task.

Skin and Body Protection: Any specific clothing information provided is based on published literature or manufacturer data. The types of clothing to be considered for this material include:

No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact. If product is hot, thermally protective, chemical resistant apron and long sleeves are recommended.

Specific Hygiene Measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Discard contaminated clothing and footwear that cannot be cleaned. Practice good housekeeping.

ENVIRONMENTAL CONTROLS

Comply with applicable environmental regulations limiting discharge to air, water and soil. Protect the environment by applying appropriate control measures to prevent or limit emissions.

Section 9-Physical and Chemical Properties

FORM	<u>Liquid</u>	SPECIFIC GRAVITY	<u>0.83-0.87 (water=1)</u>
COLOR	<u>Opaque Blue</u>	SOLUBILITY IN WATER	<u>Insoluble</u>
VAPOR PRESSURE	<u>N/A</u>	EVAPORATION RATE	<u>1 compared to water</u>
VAPOR DENSITY	<u>≥1.00</u>	FLASH POINT (COC)	<u>>350°F</u>
ODOR	<u>Mild</u>		

Section 10-Stability and Reactivity

Reactivity: No additional information available.

Chemical Stability: Stable at normal temperatures and pressures.

Possibility of Hazardous Reactions: No additional information available.

Section 10-Stability and Reactivity Cont'd

Conditions to Avoid (e.g., static discharge, shock, or vibration): Extended exposure to high temperatures can cause decomposition. Avoid all possible sources of ignition. Avoid contact with incompatible materials.

Incompatibilities/ Materials to Avoid: Strong acids. Strong oxidizing agents, such as chlorates, nitrates, peroxides, etc..

Hazardous Decomposition Products: During a fire, rapid depolymerization produces flammable vapors. Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

Hazardous Polymerization: Will not occur.

Section 11-Toxicological Information

Information on toxicological effects

Acute toxicity

No data available

Inhalation: No data available

Dermal: No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

Causes eye irritation

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

Aspiration Hazard – Category 1

Section 12-Ecological Information

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted. This product contains no PBT/vPvB chemicals.

Other adverse effects

None expected

Section 13-Disposal Considerations

Waste treatment methods

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Waste from material:

Reuse or reprocess, if possible. Keep out of water supplies, sewers and soil. Dispose in accordance with all applicable regulations. May be subject to disposal regulations.

Container Management:

Dispose of container in accordance with applicable local, regional, national, and/or international regulations. Container rinsate must be disposed of in compliance with applicable regulations.

Section 14-Transportation Information

DOT Packaging Non Bulk: There are no regulations applicable to this substance under 49 CFR 173. When

DOT Packaging Bulk: The provisions of 49 CFR, Part 130 apply for shipments over 3,500 bulk gallons.

LAND (TDG): Not Regulated for Land Transport

SEA (IMDG): Not Regulated for Sea Transport according to IMDG-Code

Marine Pollutant: No

Section 15- Regulatory information

SARA 313 toxic chemical notification and release reporting: NA

Clean Water Act (CWA) 311: N A

Clean Air Act (CAA) 112 regulated substances: NA

All components of this product are listed or exempt from listing on TSCA inventory.

TSCA 12(b): This product is not subject to export notification.

Canadian Chemical Inventory: All components of this product are listed on either the DSL or the NDSL.

WHMIS Classification: Not Regulated

OSHA PROCESS SAFETY (PSM) (29 CFR 1910.119): Not regulated

California Proposition 65:

This material does not contain any component or chemical currently known to the State of California to cause cancer, birth defects or other reproductive harm at levels which are subject to the requirements of California Proposition 65 (CA Health & Safety Code Section 25249.5)

Section 16-Other Information

Prepared by: Regulatory Department

Rev. Date: 01-15-2020

HMIS: (SCALE 0-4) (Rated using National Paint & Coatings Association HMIS: Rating Instructions, 2nd Edition)

Health Rating: 1 Flammability Rating: 1 Reactivity Rating: 0

NFPA 704 - Hazard Identification Ratings (SCALE 0-4)

Health Rating: 1 Flammability Rating: 1 Reactivity Rating: 0

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