

Material Safety Data Sheet

Smart Sponge®

1. PRODUCT AND COMPANY INFORMATION

1.1. Product

Trade Name as used on label and list: Smart Sponge®
Chemical Name: Thermally extruded proprietary blend of petroleum derived polymers (CAS number 25038-36-2 and CAS number 9003-55-3)
Hazardous Classification: This product is not hazardous as defined in 29 CFR 1910.1200

1.2. Company

Corporate office: AbTech Industries
Address: 4110 N. Scottsdale Road, Suite 235, Scottsdale, AZ 85251
Telephone: 480-874-4000
Emergency Contact: Kristina Kellici, Product Manager, 602-743-0824
 Business hours 8 am to 5 pm local time

2. PHYSICAL AND CHEMICAL PROPERTIES

The composition of this material is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

Physical State:	Solid "Popcorn"	Odor:	Essentially odorless
Appearance:	White to Ivory	Odor Threshold:	NE
Melting/Freezing Points:	NA	Specific Gravity (range):	0.27 – 0.40
Vapor Pressure:	NA	Boiling Point:	NA
Vapor Density:	NA	Volatiles (% by weight @ 105°C):	1.0 max
Solubility in Water @ 20°C:	Insoluble	Evaporation rate:	NA
Coefficient in Water/Oil:	NE	pH:	NA

3. FIRE AND EXPLOSION HAZARD DATA

Flash Point, Method:	Not required for solid	Upper/Lower Explosive Level:	NA
Auto Ignition Temperature:	>350°C, 730°F	Upper/Lower Flammable Limits:	NA
Ignition Temperature:	>200°C, 392°F		
Combustible:	No, but the product will burn if ignited.		
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, products from incomplete combustion, silicates, and various hydrocarbons.		
Extinguishing Media:	All fire extinguishing media permitted; foam or water fog recommended.		
Special Fire Fighting Procedure:	During emergency conditions, exposure to thermal decomposition products may cause a health hazard. Use of NIOSH approved self-contained breathing apparatus and protective clothing is recommended.		
Sensitivity to Static Discharge:	NA	Sensitivity to Impact/Shock:	NA

4. PROTECTIVE AND PREVENTIVE MEASURES

4.1. Personal Protective Equipment:	Eye:	Wear safety glasses with side shields or chemical goggles.
	Skin:	Wear clothing appropriate to prevent skin contact. Practice good personal hygiene. Where contact may occur with hot material, wear thermal resistant gloves, arm protection, and a face shield.
4.2. Preventive Measures:	Respiratory:	Not normally required at ambient temperatures. If processing in area where ventilation is inadequate or ignition has occurred, follow OSHA respirator regulations (29CFR 1910.134) wear a NIOSH/MSHA approved organic vapor respirator.
	Ventilation:	If used indoors provide sufficient local and/or mechanical ventilation. Local ventilation is recommended during all hot processing operations.

5. HEALTH HAZARD DATA

Medical Conditions Aggravated by Exposure:	Individuals with pre-existing skin disorders should avoid contact with this material.
Specific Hazard:	No acute or chronic hazards or effects are known.
Routes of Exposure:	Eye Contact: Not a probable route of exposure. Particulates may scratch eye surface or cause mild irritation.
	Skin Contact: A single prolonged exposure is not likely to result in material being absorbed through the skin in harmful amounts. Repeated, prolonged exposure may cause mild skin irritation in some individuals. Exposure to hot material may cause thermal burns.
	Ingestion: Not a probable route of exposure.
	Inhalation: Not a probable route of exposure under conditions of normal use.

6. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Remove any foreign object. Flush with large amount of water until irritation subsides. Obtain medical attention if irritation persists.
Skin Contact:	Flush with large amount of water until irritation subsides. Wash with soap and water if available. If thermal irritation, flush affected area with cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention.
Inhalation:	If fumes/vapors are inhaled, move to fresh air, aid breathing if necessary. Obtain medical attention if irritation persists.
Ingestions:	Unlikely to occur.

7. CHEMICAL REACTIVITY

Chemical Stability:	Product is stable at ambient temperature and pressure.
Conditions to Avoid:	Heat (65.5°C, 150°F max) will cause thermal decomposition; ignition source.
Incompatibility with other Materials:	Avoid contact with strong oxidizing agents
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide, various hydrocarbons, and partially oxidized hydrocarbons.
Hazardous Polymerization:	Will not occur.

8. SPILLS, DISPOSAL, STORAGE GUIDELINES

Spill and Release Information:	Land spill may present a slipping hazard on hard surface. Repackage uncontaminated product in suitable containers for reuse or disposal. Water spill will make the material considered used and suitable for disposal.
Disposal Information:	Recycle if possible. Material as supplied is not characterized as hazardous. Please refer to Sections 3, 8 and 10 for regulatory information. Dispose in accordance with local, state, and federal regulations and applicable environmental regulations.
Storage:	Store below 35°C (95°F) in dry area and in the absence of direct, natural, or artificial light. Follow good housekeeping procedures.

9. LABELS

OSHA:	Not required	WHMIS:	Not required
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10. REGULATORY INFORMATION

TSCA:	Product is not subject to the Toxic Substances Control Act (TSCA).
CERCLA:	Does not fall under 313 CAS codes regulating CERCLA requirements.
SARA Title III:	The Emergency Planning and Community Right-to-Know Act (also known as SARA Title III or EPCRA) provisions has none of the four major sections: emergency planning (Section 301-303), emergency release notification (Section 304), community right-to-know reporting requirements (Sections 311-312), and toxic chemical release inventory (Section 313) applicable since SmartSponge Plus does not qualify as chemical hazard for the community or individual facilities.

Notice: The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If the buyer relabels this product, legal counsel should be consulted to insure proper health, safety, and other necessary information is included on the container. AbTech provides no warranties, either expressed or implied. The information contained within is believed to be accurate as of the revision date shown above. The above information complies with the OSHA hazard communication standard 29 CFR 1910.1200 and meets standard OMB No. 1218-0072.