

**FOR PROFESSIONAL USE ONLY**

## SPEC DATA SHEET

Smoke Melt is a high pH alkaline cleaning product that will remove heavy carbon deposits and oil from wood or masonry. Smoke Melt softens heavy black smoke stains from fire damaged masonry. Smoke Melt undiluted may strip latex and enamel paints in a short time.

### ADVANTAGES

- \* Removes heavy carbon deposits
- \* Removes both food and petroleum oil staining

### LIMITATIONS

- \* Will etch windows
- \* May cause damage to some metallic surfaces

### TECHNICAL DATA

Appearance & Odor:	Amber color, mild citric odor
Physical State:	Liquid
pH:	13.5
Vapor Pressure (mmHg):	As water
Vapor Density (air=1):	As water
Boiling Point:	210°F
Freezing/Melting Point:	N.A.
Specific Gravity (water =1):	1.120
Evaporation Rate:	As water
Solubility in water:	Complete

### PREPARATION

Protect anodized aluminum, glass and painted substrates. Cover foliage with polyethylene or other proven protective material. Avoid wind drift on surrounding surfaces such as auto and pedestrian traffic.

### SURFACE & AIR TEMPERATURES

Excessively high or low temperatures will produce poor results and possible harm. Best cleaning results are obtained when air and surface temperatures are above 40° Fahrenheit or less than 90° Fahrenheit. Do not clean when temperatures are below freezing or will be overnight. If freezing conditions exist, allow adequate time for surface to thaw. If air temperatures exceed 90° Fahrenheit, flash cool the surface with water before applying product. Do not allow products to dry on the surface. Always rinse thoroughly while still wet.

### PRE-TESTING

Always test prior to beginning full-scale cleaning operations. Testing should confirm cleaning effectiveness on each type of surface and stain designated to be cleaned. Test also to determine the desired surface contact time and any potential for adverse reactions with adjacent materials. Allow test panels to dry thoroughly before evaluating final appearance and results. Great care must be taken when applying this product because of its highly active penetrating nature.

### DILUTION

- 4:1 - 9:1 for severe smoke damage.
- 15:1 for light smoke damage.
- Use undiluted - 10:1 for brushing application and oil stain removal

### SUITABLE SUBSTRATES

Masonry materials, and wood

### APPLICATION INSTRUCTIONS

Before applying, read "Preparation" paragraph section and "Precautionary Measures" under Safety Information.

Always protect the surrounding area by covering with plastic. If you are spraying this product always try to stay away from or above the mist, as it will burn your skin. Pre-wet (do not soak), the area with water before applying the product. With a strong dilution, for severe smoke damage, apply with a low-pressure applicator. With a weaker dilution, for light smoke damage, apply with a downstream through a pressure washer at low pressure. For black crust removal, use undiluted. A nylon brush can be used to apply, when necessary. Let the product dwell for fifteen minutes to an hour. Smoke Melt has special additives that causes soils to rise to the surface. Craftsmanship determines the appropriate pressures for rinsing. A thorough rinse job is always recommended; however, our chemistry never requires flooding a wall. Pressures that mark or damage the surface should be avoided. When in doubt, follow the manufacturers recommended P.S.I. for the substrate.



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### SAFETY INFORMATION

Precautionary Measures: Always wear goggles and chemical resistant gloves when handling this product. Keep off of skin and clothing. If material contacts clothing, wash before re-use. Do not wear contact lenses when using this product. The product contains Potassium Hydroxide and Ethanol. Do not get in eyes, on skin or clothing. Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. Use NIOSH/MSHA approved respiration if adequate ventilation is unavailable. Applicators should wear boots, gloves, face shields, and/or goggles to avoid splash to bare skin and eyes. Avoid drifting of material or rinse water onto autos and pedestrians by protecting or diverting such traffic. Do not dilute Smoke Melt with any product except water. Do not use for any other applications other than specified. Do not remove label. Dispose of empty containers according to federal, state, and local requirements. Read Safety Data Sheet for additional safety and health hazard information prior to use.

### INSTRUCTIONS IN CASE OF CONTACT OR EXPOSURE

Eyes: Flush thoroughly with water for fifteen minutes.

If irritation persists seek medical attention.

Skin: Wash off immediately with soap and water. If irritation persists, seek medical attention.

Ingestion: Do not induce vomiting. Drink large amounts of water. Seek medical attention.

Inhalation: Remove to fresh air. If irritation persists, call physician.

### NOTICE

This product has been classified in accordance with the hazard criteria of the CFR.

### DISCLAIMER

The information herein is given in good faith, but no warranty, either expressed or implied, is made. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot be sure or guarantee these are the only hazards which exist.

### CUSTOMER SERVICE

Factory personnel are available for assistance at 724-656-1055 and will send you additional information on products as necessary.

**VELOCITY EHS 24 HOUR EMERGENCY RESPONSE  
SERVICE NUMBER - 1-800-255-3294**