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Product Name: DEFY ROOF CLEANER CONCENTRATE™	Date: 10/10/05
MSDS Number: RC-32	CAS Number: Mixture
Prepared by: Greg Herbert	

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Principal hazardous component(s) (chemical & common names) p.c. **Threshold Limit Value (units)**

Sodium Metasilicate*

Butoxy Ethanol

Percentage content of ingredients withheld as a trade secret pursuant to Massachusetts regulations

SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and odor: ----- Cloudy liquid with slight citrus odor
Boiling point: ----- 212 Degrees F
Vapor pressure (mm Hg and temperature):----- 15 mm Hg (104 degrees)
Vapor density (air = 1): ----- NA
Evaporation rate: ----- (Butyl Acetate = 1) NA
Solubility in water: ----- Completely soluble
Water reactive: ----- NA
Specific gravity: ----- 1.25
% volatile by volume:----- 0

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash point and method used: ----- NA
Auto-ignition temperature: -----
Flammability limits in air % by volume: ----- Available oxygen: 13.5%
Extinguishing media: ----- Water
Special fire fighting procedures: ----- Wear self-contained breathing apparatus
----- and full protective gear.
Unusual fire and explosion hazards: ----- Oxygen evolution decomposition may burst
sealed containers and accelerate the burning rates of other combustible materials. Damp material in contact
with paper, wood, cloth, etc. May cause spontaneous combustion of the organic material.

SECTION 4 - REACTIVITY HAZARD DATA

Stability: ----- Stable
Conditions to avoid: ----- Stable in dry state.
Avoid contamination by moisture or metal salts.
Incompatibility (materials to avoid): ----- Strong acids
Hazardous decomposition products: ----- NA
Hazardous polymerization: ----- Will not occur.
Conditions to avoid:----- NA

SECTION 5 - HEALTH HAZARD DATA

Primary routes of entry:

 X Inhalation X Skin Absorption _____ Ingestion _____ Not Hazardous

Carcinogen listed in:

_____ NTP _____ IARC Monograph _____ OSHA X Not Listed

Signs and symptoms of exposure: Mild skin irritation, severe eye irritant

Acute overexposure: Exposure to skin, eyes, or mucous membranes may cause irritation.

Chronic overexposure: None known to SaverSystems

Medical conditions generally aggravated by exposure: None known to SaverSystems

Emergency and first aid procedures - Seek medical assistance for further treatment, observation, and support.

Eye contact: Immediately flush with large amounts of water for at least 15 minutes - seek medical attention immediately.

Skin contact: Wash with soap and water. Brush off and remove contaminated clothing.

Inhalation: Leave contaminated area immediately. Breathe fresh air.

Ingestion: Drink large amounts of water to dilute. Seek medical attention.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory protection (specify type): Not generally required during normal use and handling.

Protective gloves: Rubber gloves

Eye protection: Wear adequate eye protection. Do not get product in eyes. See eye contact.

Ventilation:

Local exhaust:

Mechanical (general):

Special:

Other (Specify): Maintain adequate ventilation in work area.

Other protective clothing and equipment: Water source and safety/eye wash should be located close to location where material is stored.

Hygienic work practices:

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken if material is spilled or released: Flush down drain with large amounts of water. Comply with federal, state, and local regulations on reporting spills.

Waste disposal methods: In an approved waste facility by an authorized contractor.

Precautions to be taken in handling and storage: See protective measures.

Other precautions and/or special hazards: None

NFPA Rating:	Health _____	Flammability _____	Reactivity _____	Special _____
HMIS Rating:	Health <u> 2 </u>	Flammability <u> 0 </u>	Reactivity <u> 1 </u>	Special <u> C </u>