

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HMIS HAZARD RATING

SAFETEC OF AMERICA

| | | | |
|--------------|---|-------------------|-------------|
| HEALTH | 1 | 0 = INSIGNIFICANT | 3 = HIGH |
| FLAMMABILITY | 1 | 1 = SLIGHT | 4 = EXTREME |
| REACTIVITY | 0 | 2 = MODERATE | |

TRANSPORTATION INFORMATION

| | | | |
|------------------------|---------------|-------|---------------|
| PROPER SHIPPING NAME | Not Regulated | REF. | N/A |
| HAZARD CLASS/PKG. GRP. | None/None | LABEL | None Required |
| IDENTIFICATION NUMBER | None | | |

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)

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GREEN Z™

MANUFACTURER'S NAME

Safetec of America, Inc.

EMERGENCY TELEPHONE NUMBER (24 Hours)

(800) 255-3924

ADDRESS (NUMBER, STREET, P.O. BOX)

887 Kensington Ave.

TELEPHONE NUMBER FOR INFORMATION

(716) 895-1822

(CITY, STATE AND ZIP CODE)

Buffalo, NY 14215

DATE PREPARED

January 7, 2009

SUPERSEDES

May 9, 2007

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS

CAS #

% (wt.)

ACGIH TLV/TWA/STEL

(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))

(OPTIONAL)

PPM

MG/M³

PPM

MG/M³

Superabsorbent polymer, CAS proprietary

100

5 (PEL)

5 (TLV)

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Breathing of dust may cause throat and upper respiratory tract irritation.

Remove to fresh air; seek medical attention if required.

EYES: May cause slight irritation.

Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention.

INGESTION: This product is not toxic based. If ingested in quantity, material may cause gastrointestinal discomfort.

Drink large amounts of water. DO NOT induce vomiting. Seek medical attention.

SKIN: Prolonged or repeated contact unlikely to cause significant irritation.

Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

CARCINOGENICITY

NTP?

No

IARC MONOGRAPHS?

No

OSHA REGULATED?

No

No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing eye, skin, or breathing disorders may become aggravated through exposure.

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Date: January 7, 2009

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

Not Applicable

FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA

Water, dry chemicals, foam, CO₂

SPECIAL FIRE FIGHTING PROCEDURES

Wear NIOSH/MSHA approved self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Spilled material swells and becomes extremely slippery when wet. Dusts at sufficient concentrations can form explosive mixtures with air. Use standard safety precautions for finely divided powders. Thermal decomposition may emit toxic and irritating substances.

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

In case of accidental spills, provide adequate ventilation; avoid generating dust. Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Place spilled material into a clean, dry container for disposal.

WASTE DISPOSAL METHODS

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container(s) tightly closed when not in use. Store in cool, dry area. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION

Use NIOSH/MSHA approved or equivalent with high efficiency filter for particulate levels above 0.05mg/m³

VENTILATION

LOCAL EXHAUST: Recommended

MECHANICAL (GENERAL): As appropriate

PROTECTIVE GLOVES

Impervious rubber

EYE PROTECTION

Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Ordinarily, none required.

WORK/HYGIENIC PRACTICES

Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT

Not Applicable

SPECIFIC GRAVITY (WATER = 1)

43.7 - 51.8 lb./cu.ft.

VAPOR PRESSURE (mm Hg)

Not Applicable

MELTING POINT

Not applicable

VAPOR DENSITY (AIR = 1)

Not Applicable

pH

No data

SOLUBILITY IN WATER

Slight

EVAPORATION RATE (n-BUTYL ACETATE=1)

Not applicable

APPEARANCE AND ODOR

Off-white, granular powder; odorless

% VOLATILES (BY WEIGHT)

Not applicable

SECTION 8 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

High humidity, moisture

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit oxides of nitrogen, oxides of carbon.

HAZARDOUS POLYMERIZATION MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID

None known

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.