

MATERIAL SAFETY DATA SHEET

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|---|---------------------------|---|-------------------|----------------|
| 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. | Not Applicable |
| HAZARD CLASS / PKG. GRP. | None / None | | LABEL | None Required |
| IDENTIFICATION NUMBER | None | | | |

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

| | | |
|--|---|--|
| IDENTITY (AS USED ON LABEL AND LIST) | | Page 1 of 2 |
| GREEN Z™ | | |
| MANUFACTURER'S NAME Safetec of America, Inc. | EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924 | |
| ADDRESS (NUMBER, STREET, P.O. BOX) 1055 East Delavan Avenue | TELEPHONE NUMBER FOR INFORMATION (716) 895-1822 | |
| (CITY, STATE AND ZIP CODE) Buffalo, NY 14215 | DATE PREPARED SUPERSEDES | February 11, 2004 February 13, 2002 |

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)) | CAS # | % (wt.) (OPTIONAL) | OSHA PEL/STEL | | ACGIH TLV/TWA/STEL | |
|--|-------|-----------------------|---------------|-------------------|--------------------|-------------------|
| | | | PPM | MG/M ³ | PPM | MG/M ³ |
| 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 |
|--|---|
| 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. |
| 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. |
| INGESTION: This product is not considered toxic based. If ingested in quantity, material may cause gastro-intestinal discomfort. | Drink large amounts of water. DO NOT induce vomiting. Seek medical attention if required. |
| INHALATION: Breathing of dust may cause throat and upper respiratory tract irritation. | Remove to fresh air; seek medical attention if required. |

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: Preexisting eye, skin, or breathing disorders may become aggravated through exposure.

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SECTION 4 - FIRE FIGHTING MEASURES

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|---|---|
| FLASH POINT (METHOD USED) Not Applicable | FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: Not Applicable UEL: Not Applicable |
|---|---|

EXTINGUISHING MEDIAWater, 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

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| RESPIRATORY PROTECTION Use NIOSH/MSHA approved or equivalent with high efficiency filter for particulate levels above 0.05mg/m ³ | 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

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| BOILING POINT Not applicable | BULK DENSITY 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

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| 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.