



Material Safety Data Sheet

Gunshot Residue Collection Kit (AA)

SECTION 1- IDENTITY

NAME Mopec		ADDRESS 800 Tech Row, Madison Heights, MI 48071	
TELEPHONE (800) 362-8491	FOR ADDITIONAL INFORMATION CONTACT: Technical Support		DATE PREPARED: January 1, 2010
COMMON NAME (USED ON LABEL) Gunshot Residue Collection Kit (AA)			CHEMICAL FAMILY: N/A (Chemical mixture)
CHEMICAL NAME: Does Not Apply	FORMULA: Does not apply	TRADE NAME & SYNONYMS: GSR (AA)	

SECTION 2- HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS#	TLV	PEL
AQUEOUS MIXTURE WITH MAJOR COMPONENTS:			
NITRIC ACID (5%)	7697-37-2	2 ppm	2 ppm
WATER	7732-18-5	Unk	Unk

PEL: Permissible Exposure Limit established by Occupational Safety and Health Administration

TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists

PHYSICAL DATA

BOILING POINT: Not Combustible	SPECIFIC GRAVITY: N/A	VAPOR PRESSURE: N/A	VAPOR DENSITY: N/A
PERCENT VOLATILE (VOL) N/A	SOLUBILITY (WATER) DISSOLVES	REACTIVITY IN WATER: N/A	EVAPORATION RATE: N/A

APPEARANCE AND ODOR:
Clear solution, Slight acid odor

SECTION 4- FIRE AND EXPLOSION DATA

FLASH POINT: Not-combustible	AUTO IGNITION TEMPERATURE N/A	FLAMMABLE LIMITS IN AIR (% by VOLUME) LOWER: N/A UPPER:
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EXTINGUISHING MEDIA:
Carbon Dioxide, Dry Chemical, water mist,

UNUSUAL FIRE AND EXPLOSION HAZARDS:

SPECIAL FIRE FIGHTING PROCEDURES:
Wear self-contained breathing apparatus and protective clothing

CONTINUED ON REVERSE SIDE

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SECTION 5- HEALTH INFORMATION**PRIMARY ROUTES OF EXPOSURE**

Inhalation, ingestion, or absorption through skin

SIGNS & SYMPTOMS OF EXPOSURE**1: ACUTE OVEREXPOSURE:**

May cause eye, skin, or respiratory irritation, Nitric Acid is corrosive

2: CHRONIC OVEREXPOSURE:**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

May cause eye, skin, or respiratory irritation

CHEMICAL /COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN:

None

OTHER EXPOSURE LIMITS:

Not established

EMERGENCY & FIRST AID PROCEDURES:**EYES:** Flush with cool tap water for at least 15 minutes**SKIN:** Wash thoroughly with warm water**RESPIRATORY:** Remove to fresh air, if distress continues, administer oxygen and contact physician**INGESTION:** Drink large amounts of water, do not induce vomiting

IN ALL CASES IF IRRITATION OR DISTRESS PERSISTS, CONTACT PHYSICIAN OR NEAREST POISON CONTROL CENTER

SECTION 6- REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

High Temperatures

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong Oxidizing agents, Heavy Metals, Alcohols, Brass, Aluminum, Amines

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon Monoxide, nitrogen oxides, and Carbon Dioxide may be produced under fire conditions

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID (POLYMERIZATION)

Not applicable for polymerization

SECTION 7- SPILL OR LEAK PROCEDURES**STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED:**

Wear protective equipment. For small spills, neutralize with acid neutralizer, absorb on paper towels. Burn the absorbed material in an incinerator.

WASTE DISPOSAL METHOD:

Dispose of wastes in accordance with current Federal, State, and Local codes and guidelines.

SECTION 8- PERSONAL PROTECTION INFORMATION**RESPIRATORY PROTECTION:**

In cases where dusts or powders exist- use NIOSH/MSHA Approved Nuisance Dust Respirator and goggles. Do not breath dust or mist.

VENTILATION:

Room ventilation is expected to be adequate except during spraying, spills or fires. If spraying, ensure adequate ventilation, wear mask.

PROTECTIVE GLOVES:

Chemical resistant gloves

EYE PROTECTION:

Suggested when the potential of splashes or contact with the eyes or face is possible

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

An eye wash fountain and safety shower should be readily available where the potential for splashes or eye contact with the reagent exists

SECTION 9- SPECIAL PRECAUTIONS**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store and handle according to package and MSDS directions. Store in cool, well-ventilated area. Keep away from reactive materials and away from fire hazard or source of ignition.

OTHER PRECAUTIONS:

Do not ingest, get in eyes, on skin, or on clothing. Avoid breathing dust or mist. Wash thoroughly after handling. It is suggested that a NIOSH/MSHA approved nuisance dust mask be worn when handling dry chemical or spraying prepared reagent.

TRANSPORTATION

NONHAZARDOUS NOT REGULATED LIMITED QUANTITY EXCEPTION

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