

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

## IDENTITY AND MANUFACTURER'S INFORMATION

<b>NFPA Rating:</b> Health-2; Flammability-3; Reactivity-0; Special--		<b>HMS Rating:</b> Health-2; Flammability-3; Reactivity-0; Personal Protection-B	
<b>Manufactured For:</b> AmSan <b>Address:</b> 5727 South Lewis Ave., Suite 705 Tulsa, OK 74105		<b>DOT Hazard Classification:</b> ORM-D <b>Identity (trade name as used on label):</b> <b>RENOWN VANDAL MARK REMOVER</b> <i>REN5081-AM</i>	
<b>Phone:</b> 918-743-6030		<b>MSDS Number:</b> A00178 <b>Revision:</b> 13	
<b>EMERGENCY RESPONSE NUMBER:</b> 1(800)255-3924		<b>Date Prepared:</b> 01/21/07 <b>Prepared By:</b> IB	
<b>NOTICE:</b> JUDGMENT BASED ON INDIRECT TEST DATA		<b>Information Calls:</b> (770)422-2071	

## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
ACETONE	67-64-1	No	1000	500 TWA	d
TOLUENE	108-88-3	Yes	200	50 (skin) TWA	d
ISO BUTANE / PROPANE BLEND	75-28-5/74-98-6	No	800/1000	800/1000	d
METHYL ETHYL KETONE	78-93-3	Yes	200	200 TWA	d
2-BUTOXYETHANOL (* glycol ether)	111-76-2	Yes*	25 skin	20 TWA	d

**WARNING:** This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H<sub>2</sub>O=1):</b> Concentrate Only = .81
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A
<b>Vapor Density (Air = 1):</b> N/E	<b>Evaporation Rate ( = 1):</b> N/E
<b>Solubility in Water:</b> Partial	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear liquid, aromatic solvent odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols): greater than 18" with flashback. Categorized: <b>EXTREMELY FLAMMABLE</b>	<b>Auto Ignition Temperature:</b> N/E	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E      % UEL: N/E
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> N/A	<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide, water.	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.		

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> [ ] WILL [ X ] WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Acids and strong oxidizers.	<b>Conditions to Avoid:</b> Open flame; welding arcs, heat, sparks.
<b>Hazardous Decomposition Products:</b> CO, CO <sub>2</sub> .	

## SECTION 5 - HEALTH HAZARD DATA

<b>PRIMARY ROUTES OF ENTRY:</b> [ X ] INHALATION [ ] INGESTION [ X ] SKIN ABSORPTION [ ] EYE [ ] NOT HAZARDOUS	
<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia (death), anesthetic effects and possible unconsciousness.	
<b>Eye Contact:</b> Irritation	<b>Skin Contact:</b> Irritation
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.	
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause cardiac abnormality, liver abnormalities, kidney and/or lung damage. Lab animals have experienced anemia, liver, kidney, lung, blood damage to 2 butoxyethanol.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.	

## EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by NIOSH.
<b>Protective Gloves:</b> Rubber gloves. <b>Eye Protection:</b> Safety glasses recommended.
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.
<b>Other Protective Clothing &amp; Equipment:</b> None
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Prevent from entering drains or sewers.
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid breathing vapors. Remove ignition sources.

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only