

NATIONAL SANITARY SUPPLY CO.
13217 S. Figueroa Street
Los Angeles, California 90061
Emergency No.1-800-535-5053 (INFOTRAC)

SECTION 1. IDENTIFICATION OF PRODUCT

Product Name: VANGUARD GRAFFITI AND MARK REMOVER GEL Date Issued: 11/28/95
Supercedes: 08/02/94
Type of Product: GRAFFITI REMOVER National Item#: 2660XX

SECTION 2. INGREDIENTS

III LIST	CAS# (PPM)	SARA (PPM)	OSHA-PEL	ACGIH-TLV
ISOPROPYL ALCOHOL	67-63-0	YES	400	400
TOLUENE	108-88-3	YES	200	100
ACETONE	67-64-1	YES	1000	750
METHANOL	67-56-1	YES	200	200
ISOBUTANE/PROPANE BLEND	75-28-5/ 74-98-6	NO NO	800 1000	800 1000
ETHYLENE GLYCOL				
N-BUTYL ETHER	111-76-2	YES	25	25

SECTION 3. PHYSICAL DATA

Vapor Density (air=1): NE Water Reactive: NO
Specific Gravity(H2O=1)Concentrate Only:0.80 Boiling Point : N/A
Solubility in Water: SOLUBLE Evaporation Rate (): NE
Vapor Pressure, psig @ 70 F: MAX. 60 Vapor Pressure(Non-Aersols)
(mm Hg and Temperature): NA
Apperance and Odor: CLEAR GEL, AROMATIC SOLVENT ODOR.

Section 4. FIRE AND EXPLOSION HAZARD DATA

Flash Point And Method Used (non-aerosols): N/A
Auto Ignition Temperature, F: NE
Flammability as per USA Flame Projection Test(Aerosls): EXTREMELY FLAMMABLE
Flammable Limits in Air, Volume %: LOWER(LEL)-NE UPPER(UEL)- NE
Extinguishing Media: FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG.
Special Firefighting Procedures: SELF CONTAINED BREATHING APPARATUS.
Unusual Fire And Explosion Hazards: DO NOT EXPOSE AEROSOLS TO TEMPERATURES
ABOVE 130F OR THE CONTAINER MAY RUPTURE.

SECTION 5. REACTIVITY DATA

Stability: STABLE
Conditions To Avoid: OPEN FLAME, WELDING ARCS, HEAT, SPARKS.
Incompatibility - Materials to Avoid: ACIDS AND STRONG OXIDIZERS.
Hazardous Polymerization Products: WILL NOT OCCUR
Hazardous Decomposition Products: CO, CO2

SECTION 6. SPILL, LEAK AND DISPOSAL PROCEDURES

Steps to be Taken if Material is Spilled or Released:
ABSORB WITH SUITABLE MEDIUM. INCINERATE OR LANDFILL ACCORDING TO LOCAL,
STATE, AND FEDERAL REGULATIONS. PREVENT FROM ENTERING DRAINS AND SEWER.
Waste Disposal Methods: AEROSOL CANS WHEN VENTED TO ATMOSPHERIC PRESSURE
THROUGH NORMAL USE, POSE NO DISPOSAL HAZARD.
Precautions to be Taken in Handling and Storage: DO NOT PUNCTURE OR
INCINERATE CONTAINERS. DO NOT STORE AT TEMPERATURES ABOVE 130F.
Other Precautions and / or Special Hazards: AVOID FOOD CONTAMINATION.
KEEP OUT OF REACH OF CHILDREN. REMOVE IGNITION SOURCES. AVOID BREATHING
VAPORS.

SECTION 7. HEALTH HAZARD DATA

Primary Route(s) of Entry: INHALATION, SKIN ABSORPTION
Acute Effects:
Inhalation: EXCESSIVE INHALATION OF VAPORS CAN BE HARMFUL AND MAY CAUSE
HEADACHE, DIZZINESS, ASPHYXIS, ANESTHETIC EFFECTS AD POSSIBLE
UNCONSCIOUSNESS.
Eye Contact: IRRITATION
Skin Contact: IRRITATION
Ingestion: POSSIBLE CHEMICAL PNEUMONITIS IF ESPIRATED INTO LUNGS. NAUSEA.
Chronic Effects: (EFFECTS DUE TO EXCESSIVE EXPOSURE TO THE RAW MATERIALS OF
THIS MIXTURE) MAY CAUSE CARDIAC ABNORMALITY, LIVER ABNORMALITIES, KIDNEY
AND/OR LIVER DAMAGE. LAB ANIMALS HAVE EXPERIENCED ANEMIA, LIVER, KIDNEY,
LUNG, BLOOD DAMAGE TO GLYCOL ETHER EB.

Medical Conditions Generally Aggravated by Exposure: MAY AGGRAVATE
EXISTING EYE, SKIN, OR UPPER RESPIRATORY CONDITIONS.

SECTION 8. EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATED, SEEK MEDICAL ATTENTION.
Skin Contact: WASH WITH SOAP AND WATER. IF IRRITATED, SEEK MEDICAL ATTENTION.
Inhalation: REMOVE TO FRESH AIR. RESUSCITATE IF NECESSARY. GET MEDICAL ATTENTION.
Ingestion: DO NOT INDUCE VOMITING. DRINK TWO LARGE GLASSES OF WATER. GET IMMEDIATE MEDICAL ATTENTION.

SECTION 9. CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: IF VAPOR CONC. EXCEEDS TLV, USE RESPIRATOR APPROVED BY U.S. BUREAU OF MINES FOR ORGANIC VAPOR.
Protective Gloves: RUBBER GLOVES.
Eye Protection: SAFETY GLASSES RECOMMENDED .
Ventilation Requirements: ADEQUATE VENTILATION TO KEEP VAPOR CONCENTRATION BELOW TLV.
Other Protective Clothing and Equipment: NONE
Hygienic Work Practices: WASH WITH SOAP AND WARM WATER BEFORE HANDLING FOOD. REMOVE CONTAMINATED CLOTHING.

SECTION 10. ADDITIONAL INFORMATION

SARA TITLE III H&P RATING: Acute: YES Chronic: YES Fire: YES
Press. Release: NO Reactive: NO

HMIS RATING: HEALTH -2 FLAMMABILITY - 4 REACTIVITY - 0 PERSONAL - B

NFPA RATING: HEALTH -2 FLAMMABILITY - 4 REACTIVITY - 0 SPECIAL - 0

*Warning: THIS PRODUCT MAY CONTAIN DETECTABLE AMOUNTS OF SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTION RISK.

THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET REPRESENTS THE LATEST DATA AND BEST OPINION AS TO THE PROPER USE AND HANDLING OF THIS PRODUCT UNDER NORMAL CONDITIONS. ANY USE OF THIS PRODUCT OR METHOD OF APPLICATION WHICH IS NOT IN CONFORMANCE WITH THIS DATA SHEET AND THE PRODUCT LABEL DIRECTIONS, IS THE RESPONSIBILITY OF THE USER. THIS MATERIAL SAFETY DATA SHEET WAS PREPARED TO COMPLY WITH THE OSHA HAZARD COMMUNICATION REGULATION.
