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MATERIAL SAFETY DATA SHEET

GONE GRAFFITI REMOVER

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS:

WHMIS CLASS A, B5, D-1A
HEALTH 3, FLAMMABILITY 4, REACTIVITY 0,
PERSONAL PROTECTION B
MIXTURE
NOT APPLICABLE
GRAFFITI REMOVER

CHEMICAL FORMULA
MOLECULAR WEIGHT
MATERIAL USE

SECTION 2 HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

DICHLOROMETHANE
60-100
75-09-2
TWA: 200 CEIL: 250 (PPM) TWA: 700 CEIL: 870 (MG/M³)
ORAL (LD50) MG/KG: ACUTE: 1987 (MOUSE). 2388 (RAT)
DERMAL (LD50): 4368 MG/KG (RAT)

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

METHANOL
1-10
67-56-1
NOT AVAILABLE
ORAL (LD50) MG/KG: ACUTE: 6200 (RAT) DERMAL (LD50)
MG/KG: 15800 (RABBIT) VAPOUR (LC50) PPM: 64000 (RAT) 4H

HAZARDOUS INGREDIENT
APPROX. CONCENTRATION %
CAS
EXPOSURE LIMITS
LD50/LC50/SPECIES/ROUTE

PROPANE
20-30
74-98-6
TWA: 1000 PPM
NOT AVAILABLE

SECTION 3 PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE
ODOUR AND APPEARANCE
ODOUR THRESHOLD (PPM)
SPECIFIC GRAVITY
VAPOUR PRESSURE (MM)
VAPOUR DENSITY (AIR =1)
EVAPORATION RATE
BOILING POINT (°C)
SOLUBILITY IN WATER (20°C)
% VOLATILE (BY VOL.)
PH

AEROSOL
SOLVENT ODOUR, CLEAR LIQUID
NOT AVAILABLE
0.9
60
NOT AVAILABLE
>1
-40°C (-40°F)
INSOLUBLE
NOT AVAILABLE
NOT APPLICABLE

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	FLAMMABLE
MEANS OF EXTINCTION	WATER FOG, CARBON DIOXIDE, FOAM OR DRY CHEMICAL.
SPECIAL PROCEDURES	WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACE PIECE OPERATED IN THE POSITIVE PRESSURE MODE. USE WATER SPRAY TO KEEP CONTAINERS COOL.
FLASHPOINT (°C) AND METHOD	-97°C (-143°F)
UPPER EXPLOSION LIMIT (% BY VOL.)	20.5
LOWER EXPLOSION LIMIT (% BY VOL.)	9.9
HAZARDOUS COMBUSTION PRODUCTS	CARBON DIOXIDE, CHLORINE, HYDROGEN CHLORIDE, NITROGEN PEROXIDE, PHOSGENE.

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	STRONG OXIDIZERS, STRONG ALKALIES REACTIVE, METALS, ALUMINUM, OXYGEN, NITROGEN PEROXIDE, SODIUM, POTASSIUM.
HAZARDOUS DECOMPOSITION PRODUCTS	CARBON DIOXIDE, CHLORINE, HYDROGEN CHLORIDE, NITROGEN PEROXIDE, PHOSGENE.

SECTION 6 TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT Y/N	Y
ROUTE OF ENTRY EYE CONTACT Y/N	Y
ROUTE OF ENTRY INHALATION Y/N	Y
ROUTE OF ENTRY INGESTION Y/N	Y
EFFECTS OF ACUTE EXPOSURE	MAY CAUSE DIZZINESS OR NARCOSIS IN HIGH VAPOUR CONCENTRATIONS. WILL CAUSE DEFATTING OF SKIN. EFFECTS ARE REVERSIBLE. ASPIRATION HAZARD IF SWALLOWED. EYE AND SKIN IRRITANT. MAY IRRITATE RESPIRATORY TRACT. DELIBERATELY CONCENTRATING AND INHALING THE VAPOUR OF THE CONTENTS MAY BE HARMFUL OR FATAL. ABSORPTION THROUGH THE SKIN IS POSSIBLE. EYE IRRITATION MAY BE SEVERE. MAY CAUSE CARDIAC ABNORMALITIES. METHANOL MAY CAUSE BLINDNESS OR DEATH IF SWALLOWED. METHYLENE CHLORIDE WILL HAVE AN EFFECT ON THE CARDIOVASCULAR SYSTEM.
EFFECTS OF CHRONIC EXPOSURE	LONG TERM EXPOSURE (YEARS) TO HIGH CONCENTRATIONS OF VAPOUR MAY CAUSE LUNG, LIVER OR KIDNEY DAMAGE. THE SOLVENTS LISTED HAVE BEEN REPORTED TO AFFECT THE CENTRAL NERVOUS SYSTEM. INHALATION OF HIGH CONCENTRATIONS OF METHYLENE CHLORIDE VAPOUR OVER LONG PERIODS OF TIME HAS CAUSED CANCER IN LABORATORY ANIMALS.
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	LISTED AS AN ANIMAL CARCINOGEN, A3 BY THE ACGIH.
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENICITY Y/N	N
MUTAGENICITY Y/N	N

SECTION 7 PREVENTIVE MEASURES

GLOVES	VITON OR 4H
EYEWEAR	SPLASH PROOF CHEMICAL GOGGLES AND FACE SHIELD.
FOOTWEAR	NEOPRENE BOOTS
CLOTHING	WEAR IMPERVIOUS PROTECTIVE CLOTHING.
ENGINEERING CONTROLS	GOOD VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS.

LEAK AND SPILL PROCEDURE	SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSE SYSTEMS OR RESPIRATORY PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES, SUCH AS, POORLY VENTILATED SPACES, MECHANICAL GENERATION OF DUSTS, HEATING, DRYING ETC. ELIMINATE ALL SOURCES OF IGNITION. WEAR PROTECTIVE EQUIPMENT. SMALL SPILLS CAN BE HANDLED ROUTINELY. FOR LARGER SPILLS USE ADEQUATE VENTILATION AND WEAR A REPIRATOR TO PREVENT INHALATION. STOP SPILL AT SOURCE. PREVENT MATERIAL FROM ENTERING WATERWAYS. MAY BE ABSORBED WITH DIATOMACEOUS EARTH OR CLAY. COLLECT FOR RECOVERY OR DISPOSAL.
WASTE DISPOSAL STORAGE REQUIREMENTS	CONSULT YOUR LOCAL OR REGIONAL AUTHORITIES. KEEP IN A COOL WELL-VENTILATED PLACE. KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT PUNCTURE, INCINERATE, STORE THE CONTAINER AT TEMPERATURES ABOVE 490C (1200F) OR IN DIRECT SUNLIGHT.

SECTION 8 FIRST AID MEASURES

SKIN	REMOVE CONTAMINATED CLOTHING. PLACE VICTIM UNDER A DELUGE SHOWER. GENTLY AND THOROUGHLY WASH WITH SOAP AND WATER. BE PARTICULARLY CAREFUL TO CLEAN FOLDS, CREVICES, CREASES AND GROIN. COVER THE IRRITATED SKIN WITH AN EMOLLIENT. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. COMPLETELY DECONTAMINATE CLOTHING, SHOES AND LEATHER GOODS BEFORE REUSE OR DISCARD.
EYE	IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR AT LEAST 20 MINUTES, KEEPING EYELIDS OPEN. SEEK MEDICAL ATTENTION.
INHALATION INGESTION	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN. DO NOT INDUCE VOMITING. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER OR MILK. NEVER GIVE AN UNCONSCIOUS PERSON ANYTHING TO INGEST. NEVER ADMINISTER ADRENALIN FOLLOWING OVEREXPOSURE. SEEK IMMEDIATE MEDICAL ATTENTION.

*VALIDATED BY YORK
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