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MATERIAL SAFETY DATA SHEET

GO GO GUM & VANDALISM ERASER

SECTION 1 MATERIAL IDENTIFICATION

WHMIS CLASSIFICATION
HMIS

WHMIS CLASS D-1A
HEALTH 4, FLAMMABILITY 1, REACTIVITY 3,
PERSONAL PROTECTION D
MIXTURE
NOT APPLICABLE
GRAFFITTI 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
10-30
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

TOLUENE
1-5
108-88-3
NOT AVAILABLE
ORAL (LD50) MG/KG: ACUTE: 6000 (RAT)

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

LIQUID
SOLVENT ODOUR, YELLOW, HAZY LIQUID
NOT AVAILABLE
1.2
272 MM OF HG (@ 20°C) (68°F)
2.5
12.4
40°C (104°F)
SLIGHTLY SOLUBLE
95
50% SOL 10

SECTION 4 FIRE AND EXPLOSION DATA

FLAMMABILITY	NONE
MEANS OF EXTINCTION	AS FOR SURROUNDING FIRE
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	NONE
UPPER EXPLOSION LIMIT (% BY VOL.)	20.5
LOWER EXPLOSION LIMIT (% BY VOL.)	9.9
HAZARDOUS COMBUSTION PRODUCTS	TOXIC, ACIDIC GASES.

SECTION 5 REACTIVITY DATA

CHEMICAL STABILITY	STABLE
INCOMPATIBILITY? TO WHAT?	AVOID CONTACT WITH ALKALINE METALS.
HAZARDOUS DECOMPOSITION PRODUCTS	HYDROGEN CHLORIDE, PHOSGENE AND OTHER TOXIC SUBSTANCES.

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	CAUSES IRRITATION, A BURINGING SENSATION IN THE MOUTH AND THROAT AND ABDOMINAL PAIN. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION, LIVER AND KIDNEY DAMAGE, HEADACHE, DIZZINESS, ARRHYTHMIA, VENTRICULAR FIBRILLATION AND DEATH. WILL CAUSE CORNEAL BURNS. CAUSES IRRITATION TO THE NOSE, THROAT AND RESPIRATORY TRACT. MAY CAUSE NAUSEA AND VOMTING, PULMONARY ADEMA, METHEMOGLOBINEMIA.
EFFECTS OF CHRONIC EXPOSURE	PROLONGED OR REPEATED CONTACT MIGHT CAUSE DERMATITIS.
SYNERGISTIC MATERIALS	NOT AVAILABLE
CARCINOGENICITY Y/N	LISTED AS AN ANIMAL CARCINOGEN, A3 BY THE ACGIH.
REPRODUCTIVE EFFECTS Y/N	N
TERATOGENCITY Y/N	N
MUTAGENICITY Y/N	N

SECTION 7 PREVENTIVE MEASURES

GLOVES	PVA OR RUBBER GLOVES
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. 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.
LEAK AND SPILL PROCEDURE	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.
STORE IN A CLOSED CONTAINER, AWAY FROM INCOMPATIBLE
MATERIALS. STORE IN A DRY, COOL AND WELL-VENTILATED AREA.
ENSURE STORAGE AREA HAS ADEQUATE VENTILATION AND NO
SOURCE OF OPEN FLAME OR SPARK.

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	REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.
INGESTION	DO NOT INDUCE VOMITING. IF SWALLOWED, CALL PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. HAVE CONSCIOUS PERSON DRINK SEVERAL GLASSES OF WATER. GUARD AGAINST ASPIRATION INTO THE LUNGS BY HAVING THE INDIVIDUAL TURN ONTO THEIR SIDE. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS.

*VALIDATED BY YORK
CHEMICAL
TECHNOLOGIES INC ON
30/04/2010.*

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