

ITEM: 6H084 - Paint Striping Red

PICK REQ: 1061383294

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A7757

This MSDS should be attached or kept with the respective product with which it is associated.

LUNGS. AVOID BREATHING VAPORS OR MISTS. HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. HARMFUL IF INHALED. #####

EFFECTS OF OVEREXPOSURE - INGESTION: ASPIRATION HAZARD IF SWALLOWED; CAN ENTER LUNGS AND CAUSE DAMAGE. SUBSTANCE MAY BE HARMFUL IF SWALLOWED. Associated Grai MATERIAL SA

24 HOUR EXPOSURE HAZARDS:
 IARC LISTED ETHYLBENZENE AS A POSSIBLE HUMAN CARCINOGEN (GROUP 2B). MAY CAUSE CENTRAL NERVOUS SYSTEM DISORDER (E.G., NARCOSIS INVOLVING A LOSS OF COORDINATION, WEAKNESS, FATIGUE, MENTAL CONFUSION, AND BLURRED VISION) AND/OR DAMAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE TO XYLENE IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER ABNORMALITIES, KIDNEY, LUNG, SPLEEN, EYE AND BLOOD DAMAGE AS WELL AS REPRODUCTIVE DISORDERS. EFFECTS IN HUMANS, DUE TO CHRONIC OVEREXPOSURE, HAVE INCLUDED LIVER, CARDIAC ABNORMALITIES AND NERVOUS SYSTEM DAMAGE. PRO OVEREXPOSURE TO TOLUENE IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER ABNORMALITIES, KIDNEY, LUNG AND SPLEEN DAMAGE. EFFECTS IN HUMANS HAVE INCLUDED LIVER AND CARDIAC ABNORMALITIES. CONTAINS CARBON BLACK. CHRONIC REVISIO INFLAMMATION, LUNG FIBROSIS, AND LUNG TUMORS HAVE BEEN OBSERVED IN SOME RATS EXPERIMENTALLY EXPOSED FOR LONG PERIODS OF TIME TO EXCESSIVE CONCENTRATIONS OF CARBON BLACK AND SEVERAL INSOLUBLE FINE DUST PARTICLES. TUMORS HAVE NOT BEEN OBSERVED IN OTHER ANIMAL SPECIES (I.E., MOUSE AND HAMSTER) UNDER SIMILAR CIRCUMSTANCES AND STUDY CONDITIONS. EPIDEMIOLOGICAL STUDIES OF NORTH AMERICAN WORKERS SHOW NO EVIDENCE OF CLINICALLY SIGNIFICANT ADVERSE HEALTH EFFECTS DUE TO OCCUPATIONAL EXPOSURE TO CARBON BLACK. CARBON BLACK IS LISTED AS A GROUP 2B - "POSSIBLY CARCINOGENIC TO HUMANS" BY IARC AND IS PROPOSED TO BE LISTED AS A4 - "NOT CLASSIFIED AS A HUMAN CARCINOGEN" BY THE AMERICAN VER CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS. SIGNIFICANT EXPOSURE IS NOT ANTICIPATED DURING BRUSH APPLICATION OR DRYING. RISK OF OVEREXPOSURE DEPENDS ON DURATION AND LEVEL OF EXPOSURE TO DUST FROM REPEATED SANDING SURFACES OR SPRAY MIST AND THE ACTUAL CONCENTRATION OF CARBON BLACK IN THE FORMULA. 11 HA

VERNON HILLS, IL 60061

PRIMARY ROUTE(S) OF ENTRY:

SKIN CONTACT, SKIN ABSORPTION, INHALATION, EYE CONTACT

PREPARED: CZICZO, RAY

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:

HOLD EYELIDS APART AND FLUSH WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

LIQUIFIED PETROLEUM GAS 68476-86-8 25.0

FIRST AID - SKIN CONTACT:

WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

ALIPHATIC HYDROCARBON 64742-89-8 10.0

FIRST AID - INHALATION:

IF YOU EXPERIENCE DIFFICULTY BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

NAPHTHA

ACUTE INGESTION - INGESTION:

67-64-1 5.0 500 PPM

ASPIRATION HAZARD:

DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH. BECAUSE THIS MATERIAL CAN ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL ATTENTION. 1 PIGMENT B

AROMATIC HYDROCARBON 64742-95-6 5.0

N.E.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -156 F (SETAFLASH)

1,2,4-TRIMETHYLBENZENE 95-63-6 5.0

LOWER EXPLOSIVE LIMIT: 1.0%

UPPER EXPLOSIVE LIMIT: 12.8% ETHYLBENZENE 100-41-4 1.0

EXTINGUISHING MEDIA: ALKALI, WATER, FOAM, WATER, WET, OSHA PEL-CEILING

UNUSUAL FIRE AND EXPLOSION HAZARDS:

1000 PPM N.E.

VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO INTENSE HEAT. WATER SPRAY MAY BE INEFFECTIVE.

FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR. N.E. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURSTING OF THE CAN. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. KEEP CONTAINERS TIGHTLY CLOSED.

NAPHTHA

N.E.

N.E.

SPECIAL FIRE FIGHTING PROCEDURES:

EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

750 PPM

75

STODDARD SOLVENTS

N.E. 500 PPM

N.E.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. 1,2,4-TR

ETHYLBENZENE

125 PPM

100 PPM

N.E.

SECTION 7 - HANDLING AND STORAGE

HANDLING:

WASH THOROUGHLY AFTER HANDLING. WASH HANDS BEFORE EATING. USE ONLY IN A WELL-VENTILATED AREA. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. AVOID BREATHING VAPOR OR HARMFUL MIST. DIZZY

FLASH FIRE OR EXPLOSION. EXTREMELY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS. CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120 DEG. F. EFFECT PROLONGED

SLIGHT SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE EXPOSURE CONTROLS/PERSONAL PROTECTION

HIGH

ENGINEERING CONTROLS:
 ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO
 CONTROL AIRBORNE LEVELS TO EXCEED EXPOSURE LIMITS.

RESPIRATORY PROTECTION:
 DISPOSE OF MATERIAL IN A RESISTANT TO PUNCTURE AND FIRE CONTAINER. 10.134
 AND ORDINANCES. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWER SYSTEMS. RESPIRATORY
 ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN
 CIRCUMSTANCES WHERE THE CONCENTRATION DOES NOT EXCEED EXPOSURE
 LIMIT

DOT PROPER SHIPPING NAME: AEROSOL
 PROTECTION PROVIDED BY AIR PURIFYING RESPIRATOR
 RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN
 UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR A
 CORROSION HAZARD WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE
 PROTECTION.

DOT UN/NA NUMBER: UN 1950
 SKIN PROTECTION:
 WEAR GLOVES TO PREVENT SKIN CONTACT AND ABSORPTION OF THIS
 MATERIAL THROUGH THE SKIN. NITRILE OR NEOPRENE GLOVES MAY AFFORD
 PROTECTION.

HAZARD CLASS: 1
 RESPIRATORY PROTECTION: 126
 USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH

OTHER PROTECTIVE EQUIPMENT: 15 - REGULATORY INFORMATION
 REFERENCE: EQUIPMENT AND ITS APPLICATION.
 THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES"
 PROMULGATED UNDER SECTIONS 311 AND 312 OF THE SUPERFUND AMENDMENT AND
 REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER THE
 APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:
 IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA SECTION 313:
 LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE
 SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE
 SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372: VAPOR D

CHEMICAL NAME	CAS NUMBER
ETHYLENE GLYCOL	108-88-3
APPEARANCE: LIQUID	1330-20-7
EVAPORATION RATE: SLOW	
BOILING POINT: 100-41-4	

THE FOLLOWING SUBSTANCES CONTROL ACT:
 LISTED BELOW ARE THE SUBSTANCES (IF ANY) CONTAINED IN THIS PRODUCT THAT ARE
 SUBJECT TO THE REPORTING REQUIREMENTS OF TSCA 12(B) IF EXPORTED FROM THE
 UNITED STATES: NONE KNOWN

VAPOR PRESSURE: ND
 U.S. STATE REGULATIONS: AS FOLLOWS
 PH: NE

NEW JERSEY RIGHT-TO-KNOW:
 THE FOLLOWING MATERIALS ARE AMONG THE TOP FIVE
 COMPONENTS IN THIS PRODUCT.
 (SEE SECTION 16 FOR ABBREVIATION LEGEND)

CHEMICAL NAME	CAS NUMBER
CALCIUM CARBONATE	101-78-6

SECTION 103- STABILITY AND REACTIVITY
 CONDITIONS TO AVOID: PROPRIETARY
 AVOID ALL POSSIBLE SOURCES OF IGNITION. AVOID T
 PENNSYLVANIA RIGHT-TO-KNOW:
 THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT
 GREATER THAN 3%.

HAZARDOUS DECOMPOSITION: NUMBER
 WHEN HEATED TO DECOMPOSITION IT EMITS ACIDIC SMOKE
 CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: PROPRIETARY NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: PROPRIETARY IS STABLE UNDER NORMAL STORAGE CONDITIONS.

WARNING:
 THE FOLLOWING INGREDIENTS PRESENT IN THE PRODUCT ARE KNOWN TO THE STATE OF
 CALIFORNIA TO CAUSE CANCER:

CHEMICAL NAME	CAS NUMBER	PRODUCT LC50: ND	LD50	LC50
ETHYLENE GLYCOL	100-41-4			
MICROCRYSTALLINE SILICA	14808-60-7			
FORMALDEHYDE	50-00-0			
BENZENE	71-43-2			
ARSENIC COMPOUNDS	7440-03-9			
CADMIUM COMPOUNDS	7440-05-9			
NICKEL COMPOUNDS	7440-02-8			
LEAD COMPOUNDS	7440-07-4			

WARNING:
 THE FOLLOWING INGREDIENTS PRESENT IN THE PRODUCT ARE KNOWN TO THE STATE OF
 CALIFORNIA TO CAUSE BIRTH DEFECTS, OR OTHER REPRODUCTIVE HAZARDS.

CHEMICAL NAME	CAS NUMBER	N.D.	(ORAL, RAT)
ETHYLENE GLYCOL	100-41-4		
MICROCRYSTALLINE SILICA	14808-60-7		
FORMALDEHYDE	50-00-0		
BENZENE	71-43-2		
ARSENIC COMPOUNDS	7440-03-9		
CADMIUM COMPOUNDS	7440-05-9		
NICKEL COMPOUNDS	7440-02-8		
LEAD COMPOUNDS	7440-07-4		

SECTION 12 - ECOLOGICAL I

LEAD COMPOUNDS NOT SPECIFIED

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS:

THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT FOR THE USE OF THE 16 HEADINGS.

CANADIAN WHMIS CLASS:

AB5

D2A

D2B

SECTION 16 - OTHER INFORMATION

HMS RATINGS:

HEALTH: 2*

FLAMMABILITY: 4

REACTIVITY: 0

PERSONAL PROTECTION: X

VOLATILE ORGANIC COMPOUNDS, G/L: 523 MAX

REASON FOR REVISION:

LEGEND:

N.A. - NOT APPLICABLE

N.E. - NOT ESTABLISHED

N.D. - NOT DETERMINED

THE INFORMATION CONTAINED ON THIS MSDS HAS BEEN CHECKED AND SHOULD BE ACCURATE. HOWEVER, IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.

ORDER: 1061383294

ITEM: 6H084 - Paint Striping Red

HAZMAT: 6H084

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

GRAINGER SHIPPING INFORMATION

STOCK # : 6H084
MSDS # : A7757
FREIGHT CODE : 0843
DOT PROPER SHIP NAME : CONSUMER COMMODITY, ORM-D FLASHPOINT -104 DGS C,
-156 DGS F

FLASHPOINT : -104 DEGREES CELSIUS, -155 DEGREES FAHRENHEIT

UPS RESTRICTIONS :

HAZARDOUS CLASS NUMBER : ORM-D
UN ID # :
PACKING GROUP :
SHIPPING LABEL : Consumer Commodity ORM-D

LIMITED QUANTITY : YES
CARTON INSTRUCTIONS : CAN REPACK IN GRAINGER S CARTON
DOT/UPS EXEMPTION NO. :
COMMENTS : HAZARDOUS MATERIAL. DO NOT SHIP AIR!!
SHIPPING-PAPERS :

PLACARD OFFERED ? YES () NO () PLEASE MARK ONE
