

ITEM: 6A380 - Striping Paint Blue 18 oz.**MSDS: A7757****ORDER: 0126346637****LP NUMBER: U854789200****MATERIAL SAFETY DATA SHEET (MSDS)****This MSDS should be attached or kept with the respective product with which it is associated.*******
MATERIAL SAFETY DATA SHEET - A7757Associated Grainger Items
6A938, 6A939, 6A380, 1F764, 6H084

MATERIAL SAFETY DATA SHEET

24 HOUR ASSISTANCE:
1-847-367-7700
RUST-OLEUM CORP.

WWW.RUSTOLEUM.COM

----- **SECTION 1 - CHEMICAL PRODUCT / COMPANY INFORMATION** -----

PRODUCT NAME: HARDT LSPR 6PK STRIPE YELLOW STRIPING

IDENTIFICATION NUMBER: 2348838

REVISION DATE: 09/23/2009

PRODUCT USE/CLASS: STRIPING PAINT/AEROSOLS

SUPPLIER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USAMANUFACTURER:
RUST-OLEUM CORPORATION
11 HAWTHORN PARKWAY
VERNON HILLS, IL 60061
USA

PREPARER: REGULATORY DEPARTMENT

----- **SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS** -----

CHEMICAL NAME	CAS NUMBER	WEIGHT % LESS THAN
LIQUEFIED PETROLEUM GAS	68476-86-8	25.0
ALIPHATIC HYDROCARBON	64742-89-8	10.0
TOLUENE	108-88-3	10.0
NAPHTHA	8032-32-4	10.0
ACETONE	67-64-1	5.0
TITANIUM DIOXIDE	13463-67-7	5.0
MINERAL SPIRITS	64742-88-7	5.0
XYLENE	1330-20-7	5.0
SOLVENT NAPHTHA, LIGHT AROMATIC	64742-95-6	5.0
1,2,4-TRIMETHYLBENZENE	95-63-6	5.0
ETHYLBENZENE	100-41-4	1.0
QUARTZ (CRYSTALLINE SILICA)	14808-60-7	1.0
METHYL ETHYL KETOXIME	96-29-7	0.1

CHEMICAL NAME	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL CEILING
LIQUEFIED PETROLEUM GAS	N.E.	N.E.	N.E.	N.E.
ALIPHATIC HYDROCARBON	N.E.	N.E.	300 PPM	N.E.
TOLUENE	20 PPM	N.E.	200 PPM	300 PPM
NAPHTHA	N.E.	N.E.	N.E.	N.E.
ACETONE	500 PPM	750 PPM	1000 PPM	N.E.
TITANIUM DIOXIDE	10 MG/M3	N.E.	15 MG/M3 (TOTAL DUST)	N.E.
MINERAL SPIRITS	100 PPM	N.E.	100 PPM	N.E.
XYLENE	100 PPM	150 PPM	100 PPM	N.E.
SOLVENT NAPHTHA, LIGHT AROMATIC	N.E.	N.E.	N.E.	N.E.
1,2,4-TRIMETHYLBENZENE	25 PPM	N.E.	N.E.	N.E.
ETHYLBENZENE	100 PPM	125 PPM	100 PPM	N.E.
QUARTZ (CRYSTALLINE SILICA)	0.025 MG/M3	N.E.	2.4 MPDCF (RESPIRABLE)	N.E.
METHYL ETHYL KETOXIME	N.E.	N.E.	N.E.	N.E.

----- **SECTION 3 - HAZARDS IDENTIFICATION** -----EMERGENCY OVERVIEW:
CONTENTS UNDER PRESSURE. HARMFUL IF INHALED. MAY AFFECT THE BRAIN OR NERVOUS
SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. VAPORS MAY CAUSE FLASH FIRE OR
EXPLOSION. HARMFUL IF SWALLOWED. EXTREMELY FLAMMABLE LIQUID AND VAPOR.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION. SUBSTANCE MAY CAUSE
SLIGHT SKIN IRRITATION.EFFECTS OF OVEREXPOSURE - INHALATION:
HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT AND
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.EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
CONTAINS TITANIUM DIOXIDE. TITANIUM DIOXIDE IS LISTED AS A GROUP
2B-"POSSIBLY CARCINOGENIC TO HUMANS" BY IARC. 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 OF SURFACES
OR SPRAY MIST AND THE ACTUAL CONCENTRATION OF TITANIUM DIOXIDE IN THE
FORMULA.

IARC LISTS 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.
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 CRYSTALLINE SILICA AS SILICON DIOXIDE. EXCESSIVE INHALATION OF
RESPIRABLE CRYSTALLINE SILICA DUST MAY CAUSE LUNG DISEASE, SILICOSIS OR LUNG
CANCER. SIGNIFICANT EXPOSURE IS NOT ANTICIPATED DURING BRUSH OR TROWEL
APPLICATION OR DRYING. RISK OF OVEREXPOSURE DEPENDS ON THE DURATION AND
LEVEL OF EXPOSURE TO DUST FROM REPEATED SANDING OF SURFACES, MECHANICAL
ABRASION OR SPRAY MIST AND ACTUAL CONCENTRATION OF CRYSTALLINE SILICA IN THE
FORMULA. CRYSTALLINE SILICA IS LISTED AS GROUP 1 "CARCINOGENIC TO HUMANS" BY
THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC), AND GROUP 2
"REASONABLY ANTICIPATED TO BE A CARCINOGEN" BY THE NATIONAL TOXICOLOGY
PROGRAM (NTP).PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT, SKIN ABSORPTION, INHALATION, INGESTION, EYE CONTACT----- **SECTION 4 - FIRST AID MEASURES** -----FIRST AID - EYE CONTACT:
IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES HOLDING
EYELIDS OPEN. GET MEDICAL ATTENTION. DO NOT ALLOW RUBBING OF EYES OR KEEPING
EYES CLOSED.FIRST AID - SKIN CONTACT:
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR
PERSISTS.FIRST AID - INHALATION:
IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH
AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE
IMMEDIATELY.FIRST AID - INGESTION:
ASPIRATION HAZARD:
DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN
ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL
ATTENTION.----- **SECTION 5 - FIRE FIGHTING MEASURES** -----

FLASH POINT: -156 F (SETAFLASH)

LOWER EXPLOSIVE LIMIT: 0.7%
UPPER EXPLOSIVE LIMIT: 12.8%EXTINGUISHING MEDIA:
FILM FORMING FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOGUNUSUAL FIRE AND EXPLOSION HAZARDS:
WATER SPRAY MAY BE INEFFECTIVE. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED
TO EXTREME HEAT. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN
TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. FLASH POINT IS LESS THAN
20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!
KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT,
SPARKS AND OPEN FLAMES. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE
BURSTING OF THE CAN.SPECIAL FIREFIGHTING PROCEDURES:
EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.----- **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. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND
FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. REMOVE ALL SOURCES
OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING
TOOLS.----- **SECTION 7 - HANDLING AND STORAGE** -----HANDLING:
WASH THOROUGHLY AFTER HANDLING. FOLLOW ALL MSDS/LABEL PRECAUTIONS EVEN AFTER

CONTAINER IS EMPTIED BECAUSE IT MAY RETAIN PRODUCT RESIDUES. AVOID BREATHING VAPOR OR MIST. USE ONLY IN A WELL-VENTILATED AREA. WASH HANDS BEFORE EATING.

STORAGE:
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.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION. USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. USE EXPLOSION-PROOF VENTILATION EQUIPMENT.

RESPIRATORY PROTECTION:
A RESPIRATORY PROTECTION PROGRAM THAT MEETS OSHA 1910.134 AND ANSI Z88.2 REQUIREMENTS MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS.

PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR IN ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

SKIN PROTECTION:
USE IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT AND ABSORPTION OF THIS MATERIAL THROUGH THE SKIN. NITRILE OR NEOPRENE GLOVES MAY AFFORD ADEQUATE SKIN PROTECTION.

EYE PROTECTION:
USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUIDS.

OTHER PROTECTIVE EQUIPMENT:
REFER TO SAFETY SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

HYGIENIC PRACTICES:
WASH THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -34 - 415 F

VAPOR DENSITY: HEAVIER THAN AIR

ODOR: SOLVENT LIKE

ODOR THRESHOLD: N.E.

APPEARANCE: AEROSOLIZED MIST

EVAPORATION RATE: FASTER THAN ETHER

SOLUBILITY IN H2O: SLIGHT

FREEZE POINT: N.D.

SPECIFIC GRAVITY: 0.942

VAPOR PRESSURE: N.D.

pH: N.A.

PHYSICAL STATE: LIQUID

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID:
AVOID TEMPERATURES ABOVE 120 DEG. F. AVOID ALL POSSIBLE SOURCES OF IGNITION.

INCOMPATIBILITY:
INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

HAZARDOUS DECOMPOSITION:
WHEN HEATED TO DECOMPOSITION, IT EMITS ACRID SMOKE AND IRRITATING FUMES. BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

PRODUCT LD50: N.D.
PRODUCT LC50: N.D.

CHEMICAL NAME	LD50	LC50
LIQUEFIED PETROLEUM GAS	N.E.	N.E.
ALIPHATIC HYDROCARBON	>5000 MG/KG (RAT, ORAL)	N.E.
TOLUENE	636 MG/KG (RAT, ORAL)	>26700 PPM (RAT, INHALATION, 1 HR)
NAPHTHA	>5000 MG/KG (RAT, ORAL)	N.E.
ACETONE	5800 MG/KG (RAT)	50100 MG/M3 (RAT, 8 HR)
TITANIUM DIOXIDE	>7500 MG/KG (RAT, ORAL)	N.E.
MINERAL SPIRITS	>8 MG/KG (RAT, ORAL)	>1400 PPM (RAT, INHALATION, 4 HR)

XYLENE	4300 MG/KG (RAT, ORAL)	5000 PPM (RAT, INHALATION, 4 HR)
SOLVENT NAPHTHA, LIGHT AROMATIC	4700 MG/KG (RAT, ORAL)	3670 MG/KG (RAT, INHALATION)
1,2,4-TRIMETHYLBENZENE	N.E.	18000 MG/M3 (RAT, 4 HR)
ETHYLBENZENE	3500 MG/KG (RAT, ORAL)	N.E.
QUARTZ (CRYSTALLINE SILICA)	N.E.	N.E.
METHYL ETHYL KETOXIME	3680 MG/KG (RAT)	>4.8 MG/L (RAT)

SECTION 12 - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: PRODUCT IS A MIXTURE OF LISTED COMPONENTS.

SECTION 13 - DISPOSAL INFORMATION

DISPOSAL INFORMATION:
DISPOSE OF MATERIAL IN ACCORDANCE TO LOCAL, STATE AND FEDERAL REGULATIONS AND ORDINANCES. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWER SYSTEMS.

SECTION 14 - TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: AEROSOLS

DOT TECHNICAL NAME: N.A.

DOT HAZARD CLASS: 2.1

DOT UN/NA NUMBER: UN1950

PACKING GROUP: N.A.

HAZARD SUBCLASS: N.A.

RESP. GUIDE PAGE: 126

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:
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 APPLICABLE DEFINITIONS, TO MEET THE FOLLOWING CATEGORIES:
IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD, PRESSURIZED GAS 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:

CHEMICAL NAME	CAS NUMBER
TOLUENE	108-88-3
XYLENE	1330-20-7
1,2,4-TRIMETHYLBENZENE	95-63-6
ETHYLBENZENE	100-41-4

TOXIC 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:

IT IS THE POLICY OF RUST-OLEUM CORPORATION TO USE ONLY TSCA COMPLIANT MATERIALS IN ITS PRODUCTS.

U.S. STATE REGULATIONS: AS FOLLOWS

NEW JERSEY RIGHT-TO-KNOW:
THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT.

CHEMICAL NAME	CAS NUMBER
CALCIUM CARBONATE	1317-65-3
MODIFIED ALKYD	PROPRIETARY

PENNSYLVANIA RIGHT-TO-KNOW:
THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%.

CHEMICAL NAME	CAS NUMBER
CALCIUM CARBONATE	1317-65-3
MODIFIED ALKYD	PROPRIETARY

CALIFORNIA PROPOSITION 65:

WARNING!

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER.

WARNING!

THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

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

REASON FOR REVISION: REGULATORY UPDATE

LEGEND:

N.A. - NOT APPLICABLE
N.E. - NOT ESTABLISHED
N.D. - NOT DETERMINED

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