

ITEM: 6KP14 - Spray Primer Flat Red 12 Oz

SDS: B1321

ORDER: 0045252325

LP NUMBER: U831140836

MATERIAL SAFETY DATA SHEET (MSDS)

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

IDENTIFICATION DATA SHEET - B1321

Other: Grainger Items
24, 6KP14, 6KP23

IDENTIFICATION DATA SHEET

24-HOUR ASSISTANCE: 1-847-367-7700

T-OLEUM CORP.

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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.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT, SKIN ABSORPTION, INHALATION, EYE CONTACT

SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT:
HOLD EYELIDS APART AND FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

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 (SETAFLASH): -156 F

LOWER EXPLOSIVE LIMIT: 0.7 %
UPPER EXPLOSIVE LIMIT: 32.5 %

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:

PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURSTING OF THE CAN.

WATER SPRAY MAY BE INEFFECTIVE. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!

VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME.

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:
REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. 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.

SECTION 7 - HANDLING AND STORAGE

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

STORAGE:
DO NOT STORE ABOVE 120 DEG. F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. 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 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 ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE 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.

SECTION 1 - CHEMICAL PRODUCT/ COMPANY INFORMATION

DUCT NAME: INDUSTRIAL CHOICE AEROSOL - PRIMERS

NOTIFICATION NUMBER: 202213, 1667830, 1680830, 1681830

DUCT USE/CLASS: PRIMER/AEROSOL

PLIER:
T-OLEUM CORPORATION
HAWTHORN PARKWAY
NON HILLS, IL 60061

PREPARED BY: REGULATORY DEPARTMENT

REVISION DATE: 12/01/2006

MANUFACTURER:
T-OLEUM CORPORATION
HAWTHORN PARKWAY
NON HILLS, IL 60061

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	WEIGHT % LESS THAN	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL-CELLING
TOLUENE	67-64-1	35.0	500 PPM	750 PPM	750 PPM	N.E.
DEFINIED ROLEUM	68476-86-8	30.0	1000 PPM	N.E.	1000 PPM	N.E.
DDAF VENT	8052-41-3	15.0	100 PPM	N.E.	500 PPM	N.E.
ANIMUM XIDE	13463-67-7	10.0	10 MG/MB	N.E.	10 MG/MB	N.E.
PHATIC ROLEUM TILLATES	64742-48-9	10.0	400 PPM	N.E.	400 PPM	N.E.
ENE	1330-20-7	10.0	100 PPM	150 PPM	100 PPM	N.E.
HHA	8032-32-4	5.0	300 PPM	N.E.	N.E.	N.E.
ESIUM ICATE	14807-96-6	5.0	10 MG/MB	N.E.	15 MG/MB	N.E.
UENE	108-88-3	5.0	50 PPM	150 PPM	200 PPM	300 PPM
YLBENZENE	100-41-4	5.0	100 PPM	125 PPM	100 PPM	N.E.
PHATIC ROCARBON	64742-89-8	5.0	300 PPM	N.E.	300 PPM	N.E.

SECTION 3 - HAZARDS IDENTIFICATION

HAZARD 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. EXTREMELY FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
Prolonged or repeated contact may cause skin irritation. Substance may cause dry skin irritation.

EFFECTS OF OVEREXPOSURE - INHALATION:

High vapor concentrations are irritating to the eyes, nose, throat and lungs.

Highly flammable vapors or mists. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Harmful if inhaled.

EFFECTS OF OVEREXPOSURE - INGESTION:
Irritation hazard if swallowed; can enter lungs and cause damage. Stomach contents may be harmful if swallowed.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:

Contains 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 exposure to solvents with permanent brain and nervous system damage.

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

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

RESISTANT PROTECTIVE EQUIPMENT: ADVISE YOUR SUPERVISOR OR INDUSTRIAL HYGIENIST FOR FURTHER INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

MELTING RANGE: -34 - 900 F
APPEARANCE: SOLVENT LIKE
FORM: LIQUID
SOLUBILITY IN H₂O: SLIGHT
BOILING POINT: ND
VAPOR PRESSURE:
PHYSICAL STATE: LIQUID
SPECIFIC GRAVITY: HEAVIER THAN AIR
FLASH POINT: ND
EVAPORATION RATE: SLOWER THAN ETHER
SPECIFIC GRAVITY: 0.7670

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.

COMPATIBILITY: COMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES.

STABLE ON DECOMPOSITION: WHEN HEATED TO DECOMPOSITION, IT EMITS ACRID SMOKE AND IRRITATING FUMES. BY PRODUCT OF FLAME, CARBON MONOXIDE AND CARBON DIOXIDE.

STABLE ON POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE LD50: ND

ACUTE LC50: ND

CHEMICAL NAME	LD50	LC50
ACETONE	N.D.	N.D.
REFINED PETROLEUM GAS	N.D.	N.D.
HARD SOLVENTS	N.D.	N.D.
DIETHYL SEBACATE	>7500 MG/KG (ORAL, RAT)	N.D.
DIETHYL TEREPHTHALATE	N.D.	N.D.
DIETHYL ADIPATE	N.D.	N.D.
DIETHYL MALATE	>5000 MG/KG (ORAL, RAT)	N.D.
DIETHYL GLYCOL SEBACATE	N.D.	TCLO: 11 MG/MB INH.
DIETHYL GLYCOL ADIPATE	N.D.	N.D.
DIETHYL GLYCOL MALATE	N.D.	N.D.
DIETHYL GLYCOL TEREPHTHALATE	3500 MG/KG (ORAL, RAT)	N.D.
DIETHYL HYDROCARBON	N.D.	N.D.

SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY 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

PROPER SHIPPING NAME: AEROSOL

TECHNICAL NAME:

HAZARD CLASS: 2.1

UN/NA NUMBER: UN1950

PACKING GROUP:

HAZARD SUBCLASS:

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

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
XYLENE	1330-20-7
TOLUENE	108-88-3
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:
NONE KNOWN

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
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
MODIFIED ALKYD	PROPRIETARY
YELLOW IRON OXIDE	51274-00-1
CALCIUM CARBONATE	1317-65-3
IRON OXIDE	1309-37-1

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

HMIS RATINGS:
HEALTH 2
FLAMMABILITY 4
REACTIVITY 0
PERSONAL PROTECTION X

VOLATILE ORGANIC COMPOUNDS:
G/L: NA

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.