

# ITEM: 5H915 - Mark Paint Fluorescent Red Orange

PICK\_REQ: 1061383294

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: B0841

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

#####

INCLUDED LIVER AND CARDIAC ABNORMALITIES.

**EMERGENCY:** 5H915 - Mark Paint Fluorescent Red Orange  
SKIN CONTACT, SKIN ABSORPTION, INHALATION, EYE CONTACT

MATERIAL SAFETY DATA SHEET

## SECTION 4 - FIRST AID MEASURES

24 H

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

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**FIRST AID - SKIN CONTACT:**  
WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

**PRECAUTIONS INHALATION:**

IF YOU EXPERIENCE DIFFICULTY BREATHING, GET MEDICAL ASSISTANCE IMMEDIATELY. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE IMMEDIATELY.

REVISION DATE: 06/21/2005

**FIRST AID - INGESTION:**

**ASPIRATION HAZARD:** IDENTIFICATION NUMBER: V2333838, V2355838, V2358838  
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.

**SUPPLIER:**

RUST-OLEUM CORPORATION

11 HAWTHORN PARKWAY SECTION 5 - FIRE FIGHTING MEASURES

VERN

**FLASH POINT (SETAFLASH):** -156 F

**MINIMUM EXPOSURE LIMIT:** 0.9 %

**UPPER EXPLOSIVE LIMIT:** 11.2 RUST-OLEUM CORPORATION

11 HAWTHORN PARKWAY

11 HAWTHORN PARKWAY MEDICAL DRY CHEMICAL, FOAM, WATER FOG

USA

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

PERFORATION OF THE PRESSURIZED CONTAINER MAY OCCUR WHEN EXPOSED TO EXTREME HEAT. VAPORS MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK. KEEP CONTAINERS TIGHTLY CLOSED. FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR! ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME.

CHEM

**SPECIAL FIREFIGHTING PROCEDURES:**

EVACUATE AREA AND FIGHT FIRE FROM UPWIND. RUST-OLEUM GAS 68476-86-8 30.0

ALIPHATIC PETROLEUM 64742-89-8 15.0 400 PPM N.E.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SUBSTANCES TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** 150 PPM  
REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE POLYMER (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE CONTAINERS SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAWDUST.

NAPH

ETHYLBENZENE 100-41-4 1.0 100 PPM 125 PPM

## SECTION 7 - HANDLING AND STORAGE

CHEM

**HANDLING:**

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

ALIP DISTILL

**STORAGE:** 200 PPM 300 PPM

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.

NAPHTHA

ETHYLBENZENE 100 PPM N.E.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS/SECTION 3 - HAZARDS IDENTIFICATION**

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

SYSTEM CA

**RESPIRATORY PROTECTION:**

A RESPIRATORY PROTECTION PROGRAM MUST BE FOLLOWED WHENEVER WORKPLACE CONDITIONS WARRANT A RESPIRATOR'S USE. A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN EFFECTS ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN PROLONGED CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS.

**EFFECTS OF OVEREXPOSURE - INHALATION:**

HIGH CONCENTRATIONS OF VAPOR CAN CAUSE IRRITATION OF THE EYES, NOSE, THROAT AND LUNGS. PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CONCENTRATION CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

EFFECTS O

**ASPIRATION HAZARD IF SWALLOWED:** CAN ENTER LUNGS AND CAUSE DAMAGE. SUCKLE IF SWALLOWED.

**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.

IARC LI

**CENTRAL NERVOUS SYSTEM DISORDER (E.G., NARCOSIS INVOLVING A LOSS OF REFLEXES, WEARINESS, FATIGUE, MENTAL CONFUSION, AND BLURRED VISION)**

USE SAFETY EYEWEAR/PROTECTIVE EQUIPMENT TO PREVENT EYE DAMAGE. PROLONGED OVEREXPOSURE TO VAPOR CAN CAUSE IRRITATION OF THE EYES, NOSE, THROAT AND LUNGS.

OVEREXPOSUR

**OVEREXPOSURE TO VAPOR:** LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER DAMAGE. REFER TO SAFETY SUPERVISOR OR APPROPRIATE HYGIENE PERSONNEL FOR INFORMATION REGARDING PERSONAL PROTECTIVE EQUIPMENT AND ITS APPLICATION.

REFERED

**OVEREXPOSURE TO LIQUID:** IN LABORATORY ANIMALS HAS BEEN ASSOCIATED WITH LIVER DAMAGE. WASH THOROUGHLY WITH SOAP AND WATER IMMEDIATELY. EYE AND SKIN IRRITATION EFFECTS IN

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

BOILING POINT: 150°F

THE FOLLOWING MATERIALS ARE NON-HAZARDOUS, BUT ARE AMONG THE TOP FIVE COMPONENTS IN THIS PRODUCT. ODOR: S

ODOR: S

WATER: LIQUID 7732-18-5

ETHYL BENZENE: LIQUID 100-41-4

THE FOLLOWING NON-HAZARDOUS INGREDIENTS ARE PRESENT IN THE PRODUCT AT GREATER THAN 3%. FREEZE

CHEMICAL NAME: 0.8700 CAS NUMBER

WATER PRESSURE: ND 7732-18-5

CALCIUM CARBONATE 1317-65-3

POTASSIUM SULFATE: LIQUID 7727-43-7

POLYMER ANCHORED ORANGE DYE DISPERSION MIXTURE

MODIFIED ALKYL PROPRIETARY

SECTION 10

CONDITIONS TO AVOID:

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

HAZARDOUS DECOMPOSITION: THIS PRODUCT CONTAINS CHEMICAL(S) KNOWN BY THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. OPEN FLA

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SECTION

CANADIAN WHMIS CLASS: AB5, D2A, D2B PRODUCT LD50: ND

PRODUCT LC50: ND

SECTION 16 - OTHER INFORMATION

HEALTH: LIQUEFIED PETROLEUM GAS N.D. N.D. CHEM

FLAMMABILITY: 4 N.D. N.D.

REACTIVITY: 0 ALIPHATIC PETROLEUM N.D. N.D.

PERSONAL PROTECTION: DISTILLATES

VOLATILE ORGANIC COMPOUNDS, LG/L: 540 MAX N.D.

LEGEND: DYE DISPERSION N.D. N.D.

N.A. - NOT APPLICABLE

N.E. - NOT ESTABLISHED NAPHHA >25 ML/KG (ORAL, RAT) >700 PPM (

N.D. - NOT DETERMINED ETHYLBENZENE 3500 MG/KG (ORAL, RAT) N.D.

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.

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: AEROSOL

PACKING GROUP:

DOT TECHNICAL NAME:

HAZARD SUBCLASS:

DOT HAZARD CLASS: 2.1

RESP. GUIDE PAGE: 126

DOT UN/NA NUMBER: UN1950

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

TOLUENE 108-88-3

ETHYLBENZENE 100-41-4

TOXIC SUBSTANCES CONTROL ACT:

ORDER: 1061383294 5H915 - Mark Paint Fluorescent Red Orange HAZMAT: 5H915

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

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GRAINGER SHIPPING INFORMATION

STOCK # : 5H915  
MSDS # : B0841  
FREIGHT CODE : 0896  
DOT PROPER SHIP NAME : CONSUMER COMMODITY, ORM-D FLASHPOINT -73 DGS C, -99  
DGS F

FLASHPOINT : -73 DEGREES CELSIUS, -99 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

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