

ITEM: 1D461 - Paint Black 1 G

PICK REQ: 1092603428

MATERIAL SAFETY DATA SHEET (MSDS)

MSDS: A9302

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

 MATERIAL SAFETY DATA SHEET - A9302

Associated Grainger Item: 1D461 - Paint Black 1 G

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:
 RUST-OLEUM HIGH PERFORMANCE
 INDUSTRIAL SPEEDY DRY DIM ACRYLIC TOPCOAT

IDENTIFICATION NUMBER:
 3125100, 3125402, 3133300, 3133402, 3144300, 3144402, 3147402, 3165100,
 3165300, 3165402, 3171300, 3171402, 3179300, 3179402, 3186300, 3186402,
 3192100, 3192300, 3192402

PRODUCT USE/CLASS:
 TOPCOAT/SPEEDY DRY WATER BASED
 ACRYLIC

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

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

PREPARER: REGULATORY DEPARTMENT

REVISION DATE: 10/30/2006

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

CHEMICAL NAME	CAS NUMBER	WEIGHT %	LESS THAN
TITANIUM DIOXIDE		13463-67-7	15.0
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	5.0	
PIGMENT YELLOW 74		6358-31-2	5.0
PROPYLENE GLYCOL		57-55-6	5.0
AQUEOUS AMMONIA	1336-21-6	5.0	
DIETHYLENE GLYCOL MONOMETHYL ETHER		111-77-3	5.0
AROMATIC PETROLEUM DISTILLATES	64742-94-5	5.0	

CHEMICAL NAME	ACGIH TLV-TWA	ACGIH TLV-TWA	OSHA PEL-TWA		OSHA PEL-CEILING
			OSHA TLV-STEL	OSHA PEL-TWA	
TITANIUM DIOXIDE	10 MG/MB	N.E.	N.E.	10 MG/MB	N.E.
ETHYLENE GLYCOL MONOBUTYL ETHER	20 PPM	N.E.	50 PPM	N.E.	
PIGMENT YELLOW 74	N.E.	N.E.	N.E.	N.E.	N.E.
PROPYLENE GLYCOL	N.E.	N.E.	N.E.	N.E.	N.E.
AQUEOUS AMMONIA	N.E.	N.E.	N.E.	N.E.	
DIETHYLENE GLYCOL MONOMETHYL ETHER	N.E.	N.E.	N.E.	N.E.	N.E.
AROMATIC PETROLEUM DISTILLATES	10 PPM	N.E.	10 PPM	N.E.	

----- SECTION 3 - HAZARDS IDENTIFICATION -----

EMERGENCY OVERVIEW:
 USE VENTILATION NECESSARY TO KEEP EXPOSURES BELOW RECOMMENDED EXPOSURE LIMITS, IF ANY.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT:
 MAY BE HARMFUL IF ABSORBED THROUGH SKIN. SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION:
 LOW HAZARD FOR USUAL INDUSTRIAL HANDLING OR COMMERCIAL HANDLING BY TRAINED PERSONNEL.

EFFECTS OF OVEREXPOSURE - INGESTION: SUBSTANCE MAY BE HARMFUL IF SWALLOWED.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:

CONTAINS:
 PROPYLENE GLYCOL. HUMAN SYSTEMIC EFFECTS BY INGESTION:
 GENERAL ANESTHESIA, CONVULSIONS, CHANGES IN SURFACE EEG. EFFECTS OF
 OVEREXPOSURE MAY INCLUDE IRRITATION OF THE NOSE AND THROAT, IRRITATION OF
 THE DIGESTIVE TRACT AND SIGNS OF NERVOUS SYSTEM DEPRESSION (E.G., HEADACHE,
 DROWSINESS, LOSS OF COORDINATION AND FATIGUE).

 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:
 REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF
 BREATHING IS DIFFICULT, GIVE OXYGEN. GET IMMEDIATE MEDICAL ATTENTION.

FIRST AID - INGESTION:
 SWALLOWING LESS THAN AN OUNCE WILL NOT CAUSE SIGNIFICANT HARM. FOR LARGER
 AMOUNTS, DO NOT INDUCE VOMITING, BUT GIVE ONE OR TWO GLASSES OF WATER TO
 DRINK AND GET MEDICAL ATTENTION.

----- SECTION 5 - FIRE FIGHTING MEASURES -----

FLASH POINT: 212 F (SETAFLASH)

LOWER EXPLOSIVE LIMIT: 0.6%
 UPPER EXPLOSIVE LIMIT: 27.0%

EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
 FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

SPECIAL FIREFIGHTING PROCEDURES:
 WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILDUP OF STEAM.

----- SECTION 6 - ACCIDENTAL RELEASE MEASURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 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. WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH EYES.

STORAGE: KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP FROM FREEZING.

----- 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.

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.

SKIN PROTECTION:
 USE GLOVES TO PREVENT PROLONGED SKIN CONTACT. 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: 51 - 900 F

VAPOR DENSITY: HEAVIER THAN AIR

ODOR: AMMONIA LIKE

ODOR THRESHOLD: ND

APPEARANCE: LIQUID

EVAPORATION RATE: SLOWER THAN ETHER

SOLUBILITY IN H2O: SOLUBLE

FREEZE POINT: ND

SPECIFIC GRAVITY: 1.0600

VAPOR PRESSURE:

pH: NE

PHYSICAL STATE: LIQUID

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: AVOID CONTACT WITH STRONG ACID AND STRONG BASES.

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: ND
PRODUCT LC50: ND

CHEMICAL NAME	LD50	LC50
TITANIUM DIOXIDE	>7500 MG/KG (ORAL, RAT)	N.D.
ETHYLENE GLYCOL MONOBUTYL ETHER	1519 MG/KG (ORAL, MOUSE)	700 PPM (INH 7 HR, RAT)
PIGMENT YELLOW 74	>15000 MG/KG (ORAL, RAT)	N.D.
PROPYLENE GLYCOL	20000 MG/KG (ORAL, RAT)	N.D.
AQUEOUS AMMONIA	N.D.	N.D.
DIETHYLENE GLYCOL MONOMETHYL ETHER	7000 MG/KG (ORAL, RAT)	N.D.
AROMATIC PETROLEUM DISTILLATES	4900 MG/KG (ORAL, RAT)	N.D.

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: PAINT
PACKING GROUP:
DOT TECHNICAL NAME:
HAZARD SUBCLASS:
DOT HAZARD CLASS: NOT REGULATED
RESP. GUIDE PAGE:
DOT UN/NA NUMBER:

SECTION 15 - REGULATORY INFORMATION

CERCLA - SARA HAZARD CATEGORY:
THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" FORMULATED 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:
CHRONIC HEALTH 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
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2
AQUEOUS AMMONIA	1336-21-6
DIETHYLENE GLYCOL MONOMETHYL ETHER	111-77-3
AROMATIC PETROLEUM DISTILLATES	64742-94-5

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
WATER	7732-18-5
MODIFIED ACRYLIC COPOLYMER	PROPRIETARY
MODIFIED ACRYLIC COPOLYMER	PROPRIETARY
YELLOW IRON OXIDE	51274-00-1

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

CHEMICAL NAME	CAS NUMBER
WATER	7732-18-5
MODIFIED ACRYLIC COPOLYMER	PROPRIETARY

MODIFIED ACRYLIC COPOLYMER

PROPRIETARY

YELLOW IRON OXIDE

51274-00-1

PIGMENT RED 170

2786-76-7

CALIFORNIA PROPOSITION 65:
THESE PRODUCTS CONTAIN NO KNOWN CHEMICALS KNOWN BY THE STATE OF CALIFORNIA TO CAUSE CANCER.

THESE PRODUCTS CONTAIN NO KNOWN CHEMICALS KNOWN BY 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: D2B

SECTION 16 - OTHER INFORMATION

HMS RATINGS:
HEALTH 1
FLAMMABILITY 1
REACTIVITY 0
PERSONAL PROTECTION X

VOLATILE ORGANIC COMPOUNDS, G/L: <250

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.