# MSDS: A1371

# ITEM: 6KN88 - Paint Marking ORDER: 0052231114

LP NUMBER: U829465544

MATERIAL SAFETY DATA SHEET (MSDS)

ASBONGBURGHUNGBURG ANDAN ANDA SANDA SA

Associated Grainger Items

MATERIAL SAFETY DATA SHEET

--- SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION --

PRODUCT NAME : CAUTION BLUE SPRAY PAINT IDENTIFICATION NUMBER: 1625 838 DATE PRINTED : 02/14/01

PRODUCT USE/CLASS : INDUSTRIAL CHOICE SPRAY ENAMEL

SUPPLIER: RUST-OLEUM CORPORATION
11 HAWIHORN PARKWAY
VERNON HILLS, ILLINOIS
60061 USA

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

(847) 367-7700 RUST-OLEUM CORP. 8:00 AM-4:30 PM/24-HR EMER.ASSIST (847) 367-7700 RUST-OLEUM CORP. 8:00 AM-4:30 PM/24-HR EMER.ASSIST

PREPARER: MIM. PHONE: 847-816-2445, PREPARE DATE: 02/13/01

- SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS -

TTEM	CHEMICAL NAME	CAS NUMBER	LESS THAN	WI/WI %
01 02 03 04 05 06 07	LIQUIFIED PETROLEUM GAS CALCIUM CARBONATE (LIMESTONE) XYLENG WASP NAPHIHA TOLUENE TITANIUM DIOXIDE ETHYLBENZENE	131 1330 6474 108- 1346	76-85-7 7-65-3 )-20-7 12-89-8 -88-3 53-67-7 -41-4	30.0 % % 25.0 % % % % % % % % % % % %

EXPOSURE LIMITS									
	ACGIH		OSHA		MEXICAN				
1.1154	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN			
01	1000 PPM	N.E.	1000 PPM	N.E.	N.E.	NO			
02	10MG/M3	N.E.	15MG/M3	N.E.	N.E.	ŎM			
03	100PPM	150PPM	100PPM	N.E.	100 PPM	YES			
04	300 PPM	N.E.	300 PPM	N.E.	N.E.	NO			
05	50 PPM	N.E.	200 PPM	300 PPM	N.E.	YES			
06	10 MG/M3	N.E.	15 MG/M3	N.E.	N.E.	NO			
07	100 PPM	125 PPM	100 PPM	N.E.	N.E.	YES			

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

## SECTION 3 - HAZARDS IDENTIFICATION -

\*\*\* EMERCENCY OVERVIEW \*\*\*: HARMFUL IF INHALED. HARMFUL IF SWALLOWED. EXTREMELY FLAMMBLE LIQUID AND VAPOR, VAPORS MAY CAUSE FLASH FIRE OR EXPLOSION. HARMFUL IF INHALED. MAY EFFECT THE BRAIN OR NERVOUS SYSTEM DIZZINESS, HEADACHE OR NAUSEA. CONTENTS UNDER PRESSURE.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: CAUSES EYE IRRITATION.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: SUBSTANCE MAY CAUSE SLIGHT SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITATION.

EFFECTS OF OVEREXPOSURE - INHALATION: HARMFUL IF INHALED. HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING VAPORS OR MISTS. HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE

EYES, NOSE, THROAT AND LUNGS.

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

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:
MAY CAUSE CENTRAL NERVOUS SYSTEM DISORDER (E.G., NARCOSIS INVOLVING A LOSS OF
COGRDINATION, WEAKNESS, FATIGUE, MENTAL CONFUSION, AND BLURRED VISION)
AND/OR DAWAGE. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL
GYBEXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAWAGE.
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: INHALATION EYR CONTACT

## - SECTION 4 - FIRST AID MEASURES -

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

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

FIRST ALD - UNHALATION: IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MEDICAL ASSISTANCE AIR. IF CONI IMMEDIATELY.

FIRST AID - INGESTION:

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

FTASH POTNT: -99 F

LOWER EXPLOSIVE LIMIT: UPPER EXPLOSIVE LIMIT:

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: DRY CHEMICAL FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS:
FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!
FLASH POINT IS LESS THAN 20 DEG. F. - EXTREMELY FLAMMABLE LIQUID AND VAPOR!
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. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME.
PERFORATION OF THE PRESSURIED CONTAINER MAY CAUSE BURSTING OF THE CAN.
CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

SPECIAL FIREFIGHTING PROCEDURES:

EVACUATE AREA AND FIGHT FIRE FROM A SAFE DISTANCE.

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES -

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: EVACUATE THE AREA, REMOVE ALL SOURCES OF IGNITION AND VENTILATE WELL. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCH AS SAMDUST. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INSERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE (PROVINCIAL) AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

#### - 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 MIST.

STORAGE

STORAGE: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFFA CLASS I FLAMPBLE LIQUIDS. CONTENTS UNDER PRESSURE. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120 DEGREES F.

## --- SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION ---

USE PROCESS ENCLOSURES LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING COMPROLES ENGINEERING COMPROLE APPEARS BELOW RECOMPENDED EXPOSURE LIMITS. USE EXPLOSION-PROOF VENTILATION EQUIPMENT, PREVENT BUILD-UP OF VAPORS BY OPENING ALL DOORS AND WINDOWS TO ACHIEVE CROSS-VENTILATION.

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 FURIFYING RESPIRATOR WITH AN
ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN
CIRCUMSTRANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCED 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.

KIN 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. 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 SCAP AND WATER BEFORE EATING, DRINKING OR SMOKING.

### - SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES -

VAFOR DENSITY : IS HEAVIER THAN AIR ODOR THRESHOLD : N.D. EVAPORATION RATE: IS FASTER THAN ETHER EXILING RANGE : -34 - 285 F BOILING RANGE : -34 - 285 F ODDOR
ODDOR : SOLVENT ODDOR
APPEARANCE : LIQUID EVAPORAT.
SOLUBLILITY IN H20 : SLIGHT
FREEZE POINT : N.D. SPECIFIC OF VAPOR PRESSURE : N.D. PH @ 0.0 %
PHYSICAL STATE : LIQUID COEFFICIENT OF WATER/OIL DISTRIBUTION: N.D. SPECIFIC GRAVITY: 0.8765 PH @ 0.0 % : N.D. VISCOSITY : N.D.

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

# - SECTION 10 - STABILITY AND REACTIVITY -

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

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

HAZARDOUS DECOMPOSITION PRODUCTS: BY OPEN FLAME, CARBON MONOXIDE AND CARBON DIOXIDE. WHEN HEATED TO DECOMPOSITION IT EMITS ACRID SMOKE AND CAREON DIOXIDE. W

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

# - SECTION 11 - TOXICOLOGICAL PROPERTIES -

COMPONENT TOXICOLOGICAL INFORMATION:

CHEMICAL NAME

LIQUIFIED PETROLEUM GAS CALCIUM CARBONATE (LIMESTONE) CALCIUM CARBONATE
XYLENE
YMEP NAPHTHA
TOLUENE
TITANIUM DIOXIDE
ETHYLBENZENE

N.E.
NO INFORMATION
RAT 4300MG/KG
N.D.
RAT 5000MG/KG
24000MG/KG RATS
RAT 3500MG/KG
N.A.
N.E.
N.E.
N.E.
N.E.
N.E.
NO INFORMATION
RAT 5000PPM 4HR
MOUSE 5320PPM 8HR
6820MG/M3 RATS

#### SECTION 12 - ECOLOGICAL INFORMATION --

ECOLOGICAL INFORMATION: PRODUCT IS A MIXTURE OF LISTED COMPONENTS. ACCORDING TO OUR RAW MATERIAL SUPPLIERS, ALL COMPONENTS ARE LISTED ON THE TSCA INVESTIGAT AS REQUIRED OR MEET THE POLYMER EXEMPTION AS DEFINED IN SECTION 5.5.2 OF THE TOXIC SUBSTANCES CONTROL ACT.

#### — SECTION 13 - DISPOSAL CONSIDERATIONS -

DISPOSAL METHOD: 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

DOT TECHNICAL NAME:

DOT HAZARD CLASS: 2.1

HAZARD SUBCLASS: 1

DOT UN/NA NUMBER: UN1950

PACKLING GROUP:

RESP. GUIDE PAGE: 126

#### ----- SECTION 15 - REXULATORY INFORMATION ----

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR

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: THIS PRODUCT COMTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENIMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:

CHEMICAL NAME XYLENE TOLLENE ETHYLBENZENE

CAS NUMBER AS NUMBER 1330-20-7 108-88-3 WT/WT % IS LESS THAN 15.0 % 15.0 %

100-41-4

5.0 %

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 RESIN SOLUTION

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

CHEMICAL NAME RESIN SOLUTION

CAS NUMBER NOT AVAILABLE

CALIFORNIA PROPOSITION 65: WARNING: THE CHEMICAL(S) NOTED BELOW AND CONTAINED IN THIS PRODUCT, ARE KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM:

CHEMICAL NAME TOLUENE

CAS NUMBER

INTERNATIONAL REGULATIONS: AS FOLLOWS -

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

CANADIAN WHMIS CLASS: A B5 D2A D2B

- SECTION 16 - OTHER INFORMATION -

HMIS RATINGS - HEALTH: 2: FLAMMABILITY: 4 REACTIVITY: 0

PREVIOUS MSDS REVISION DATE: 12/19/00

REASON FOR REVISION:

LEGEND: N.A. - NOT APPLICABLE, N.E. - NOT ESTABLISHED, N.D. - NOT DETERMINED

: NO INFORMATION.

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.