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**Common Name:** SPRAY PAINT, STANDARD GRAY

**Manufacturer:** SHERWIN-WILLIAMS

**MSDS Revision Date:** 2/10/2008

**Grainger Item Number(s):** 2CR83

**Manufacturer Model Number(s):** PK49SP

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MATERIAL SAFETY DATA SHEET

PK49SP

02 00

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER: PK49SP

PRODUCT NAME: SPRAY PAINT, STANDARD GRAY

HMS CODES:

HEALTH 2\*

FLAMMABILITY 3

REACTIVITY 0

MANUFACTURER'S NAME:

THE SHERWIN-WILLIAMS COMPANY

DIVERSIFIED BRANDS

CLEVELAND, OH 44115

TELEPHONE NUMBERS AND WEBSITES:

PRODUCT INFORMATION: (800) 832-2541

REGULATORY INFORMATION:

(216) 566-2902

WWW.PAINTDOCS.COM

MEDICAL EMERGENCY: (216) 566-2917

TRANSPORTATION EMERGENCY: (800) 424-9300

FOR CHEMICAL EMERGENCY ONLY (SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT)

DATE OF PREPARATION: 10-FEB-08

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

% BY WT	CAS NO.	INGREDIENT	UNITS	VAPOR PRESSURE
15	74-98-6	PROPANE		760 MM
		ACGIH TLV: 2500	PPM	
		OSHA PEL: 1000	PPM	
3	108-88-3	TOLUENE		22 MM
		ACGIH TLV: 20	PPM	
		OSHA PEL: 100	PPM (SKIN)	
		OSHA PEL: 150	PPM (SKIN) STEL	
0.4	100-41-4	ETHYLBENZENE		7.1 MM
		ACGIH TLV: 100	PPM	
		ACGIH TLV: 125	PPM STEL	
		OSHA PEL: 100	PPM	
		OSHA PEL: 125	PPM STEL	
2	1330-20-7	XYLENE		5.9 MM
		ACGIH TLV: 100	PPM	
		ACGIH TLV: 150	PPM STEL	
		OSHA PEL: 100	PPM	
		OSHA PEL: 150	PPM STEL	
3	67-63-0	2-PROPANOL		33 MM
		ACGIH TLV: 200	PPM	
		ACGIH TLV: 400	PPM STEL	
		OSHA PEL: 400	PPM	
1	71-36-3	1-BUTANOL		5.5 MM
		ACGIH TLV: 20	PPM (SKIN)	
		OSHA PEL: 50	PPM (SKIN) CEILING	
49	67-64-1	ACETONE		180 MM
		ACGIH TLV: 500	PPM	
		ACGIH TLV: 750	PPM STEL	
		OSHA PEL: 1000	PPM	
5	78-93-3	METHYL ETHYL KETONE		70 MM
		ACGIH TLV: 200	PPM	
		ACGIH TLV: 300	PPM STEL	
		OSHA PEL: 200	PPM	
		OSHA PEL: 300	PPM STEL	

7	763-69-9	ETHYL 3-ETHOXYPROPIONATE ACGIH TLV: NOT AVAILABLE OSHA PEL: NOT AVAILABLE	1.11 MM
5	123-86-4	n-BUTYL ACETATE ACGIH TLV: 150 PPM ACGIH TLV: 200 PPM STEL OSHA PEL: 150 PPM OSHA PEL: 200 PPM STEL	10 MM
2	13463-67-7	TITANIUM DIOXIDE ACGIH TLV: 10 MG/M3 AS DUST OSHA PEL: 10 MG/M3 TOTAL DUST OSHA PEL: 5 MG/M3 RESPIRABLE FRACTION	

### SECTION 3 - HAZARDS IDENTIFICATION

#### ROUTES OF EXPOSURE:

INHALATION OF VAPOR OR SPRAY MIST.

EYE OR SKIN CONTACT WITH THE PRODUCT, VAPOR OR SPRAY MIST.

#### EFFECTS OF OVEREXPOSURE:

EYES: IRRITATION.

SKIN: PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION.

INHALATION: IRRITATION OF THE UPPER RESPIRATORY SYSTEM.

MAY CAUSE NERVOUS SYSTEM DEPRESSION. EXTREME OVEREXPOSURE MAY RESULT IN UNCONSCIOUSNESS AND POSSIBLY DEATH.

PROLONGED OVEREXPOSURE TO SOLVENT INGREDIENTS IN SECTION 2 MAY CAUSE ADVERSE EFFECTS TO THE LIVER, URINARY, BLOOD FORMING, CARDIOVASCULAR AND REPRODUCTIVE SYSTEMS.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE:

HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF COORDINATION ARE INDICATIONS OF EXCESSIVE EXPOSURE TO VAPORS OR SPRAY MISTS.

REDNESS AND ITCHING OR BURNING SENSATION MAY INDICATE EYE OR EXCESSIVE SKIN EXPOSURE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE GENERALLY RECOGNIZED.

#### CANCER INFORMATION:

FOR COMPLETE DISCUSSION OF TOXICOLOGY DATA REFER TO SECTION 11.

### SECTION 4 - FIRST AID MEASURES

#### EYES:

FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES.

GET MEDICAL ATTENTION.

#### SKIN:

WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER.

REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.

#### INHALATION:

IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING.

KEEP WARM AND QUIET.

#### INGESTION:

DO NOT INDUCE VOMITING.  
GET MEDICAL ATTENTION IMMEDIATELY.

## SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT:  
PROPELLANT: <0 F

LEL: 1.0  
UEL: 12.8

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS:  
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.  
APPLICATION TO HOT SURFACES REQUIRES SPECIAL PRECAUTIONS.

DURING EMERGENCY CONDITIONS OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

SPECIAL FIRE FIGHTING PROCEDURES:  
FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS SHOULD BE USED.

WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO IGNITION OR EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA.  
REMOVE WITH INERT ABSORBENT.

## SECTION 7 - HANDLING AND STORAGE

STORAGE CATEGORY: NOT AVAILABLE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:  
KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAME. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE EXPLOSIVELY.

DURING USE AND UNTIL ALL VAPORS ARE GONE:  
KEEP AREA VENTILATED - DO NOT SMOKE - EXTINGUISH ALL FLAMES, PILOT LIGHTS, AND HEATERS - TURN OFF STOVES, ELECTRIC TOOLS AND APPLIANCES, AND ANY OTHER SOURCES OF IGNITION.

CONSULT NFPA CODE. USE APPROVED BONDING AND GROUNDING PROCEDURES.

CONTENTS UNDER PRESSURE. DO NOT PUNCTURE, INCINERATE, OR EXPOSE TO TEMPERATURE ABOVE 120F. HEAT FROM SUNLIGHT, RADIATORS, STOVES, HOT WATER, AND OTHER HEAT SOURCES COULD CAUSE CONTAINER TO BURST. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**PRECAUTIONS TO BE TAKEN IN USE:**

USE ONLY WITH ADEQUATE VENTILATION.

AVOID CONTACT WITH SKIN AND EYES. AVOID BREATHING VAPOR AND SPRAY MIST.

WASH HANDS AFTER USING.

THIS COATING MAY CONTAIN MATERIALS CLASSIFIED AS NUISANCE PARTICULATES (LISTED "AS DUST" IN SECTION 2) WHICH MAY BE PRESENT AT HAZARDOUS LEVELS ONLY DURING SANDING OR ABRADING OF THE DRIED FILM. IF NO SPECIFIC DUSTS ARE LISTED IN SECTION 2, THE APPLICABLE LIMITS FOR NUISANCE DUSTS ARE ACGIH TLV 10 MG/M3 (TOTAL DUST), 3 MG/M3 (RESPIRABLE FRACTION), OSHA PEL 15 MG/M3 (TOTAL DUST), 5 MG/M3 (RESPIRABLE FRACTION).

REMOVAL OF OLD PAINT BY SANDING, SCRAPING OR OTHER MEANS MAY GENERATE DUST OR FUMES THAT CONTAIN LEAD. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE BRAIN DAMAGE OR OTHER ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. CONTROLLING EXPOSURE TO LEAD OR OTHER HAZARDOUS SUBSTANCES REQUIRES THE USE OF PROPER PROTECTIVE EQUIPMENT, SUCH AS A PROPERLY FITTED RESPIRATOR (NIOSH APPROVED) AND PROPER CONTAINMENT AND CLEANUP. FOR MORE INFORMATION, CALL THE NATIONAL LEAD INFORMATION CENTER AT 1-800-424-LEAD (IN US) OR CONTACT YOUR LOCAL HEALTH AUTHORITY.

**VENTILATION:**

LOCAL EXHAUST PREFERABLE. GENERAL EXHAUST ACCEPTABLE IF THE EXPOSURE TO MATERIALS IN SECTION 2 IS MAINTAINED BELOW APPLICABLE EXPOSURE LIMITS. REFER TO OSHA STANDARDS 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION:**

IF PERSONAL EXPOSURE CANNOT BE CONTROLLED BELOW APPLICABLE LIMITS BY VENTILATION, WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS IN SECTION 2.

WHEN SANDING OR ABRADING THE DRIED FILM, WEAR A DUST/MIST RESPIRATOR APPROVED BY NIOSH/MSHA FOR DUST WHICH MAY BE GENERATED FROM THIS PRODUCT, UNDERLYING PAINT, OR THE ABRASIVE.

**PROTECTIVE GLOVES:**

NONE REQUIRED FOR NORMAL APPLICATION OF AEROSOL PRODUCTS WHERE MINIMAL SKIN CONTACT IS EXPECTED. FOR LONG OR REPEATED CONTACT, WEAR CHEMICAL RESISTANT GLOVES.

EYE PROTECTION: WEAR SAFETY SPECTACLES WITH UNPERFORATED SIDESHIELDS.

**OTHER PRECAUTIONS:**

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS CAN BE HARMFUL OR FATAL.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES****PRODUCT WEIGHT:**

6.48 LB/GAL

776 G/L

SPECIFIC GRAVITY: 0.78

**BOILING POINT:**

<0 - 342 F

<-18 - 172 C

MELTING POINT: NOT AVAILABLE

VOLATILE VOLUME: 95%

EVAPORATION RATE: FASTER THAN ETHER

VAPOR DENSITY: HEAVIER THAN AIR

SOLUBILITY IN WATER: N.A.

pH: 7.0

VOLATILE ORGANIC COMPOUNDS (VOC THEORETICAL - AS PACKAGED):

VOLATILE WEIGHT 42.46% LESS WATER AND FEDERALLY EXEMPT SOLVENTS

## SECTION 10 - STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN.

INCOMPATIBILITY: NONE KNOWN.

HAZARDOUS DECOMPOSITION PRODUCTS:

BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION 11 - TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS:

METHYL ETHYL KETONE MAY INCREASE THE NERVOUS SYSTEM EFFECTS OF OTHER SOLVENTS.

REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

ETHYLBENZENE IS CLASSIFIED BY IARC AS POSSIBLY CARCINOGENIC TO HUMANS (2B) BASED ON INADEQUATE EVIDENCE IN HUMANS AND SUFFICIENT EVIDENCE IN LABORATORY ANIMALS. LIFETIME INHALATION EXPOSURE OF RATS AND MICE TO HIGH ETHYLBENZENE CONCENTRATIONS RESULTED IN INCREASES IN CERTAIN TYPES OF CANCER, INCLUDING KIDNEY TUMORS IN RATS AND LUNG AND LIVER TUMORS IN MICE. THESE EFFECTS WERE NOT OBSERVED IN ANIMALS EXPOSED TO LOWER CONCENTRATIONS. THERE IS NO EVIDENCE THAT ETHYLBENZENE CAUSES CANCER IN HUMANS.

IARC'S MONOGRAPH NO. 93 REPORTS THERE IS SUFFICIENT EVIDENCE OF CARCINOGENICITY IN EXPERIMENTAL RATS EXPOSED TO TITANIUM DIOXIDE BUT INADEQUATE EVIDENCE FOR CARCINOGENICITY IN HUMANS AND HAS ASSIGNED A GROUP 2B RATING. IN ADDITION, THE IARC SUMMARY CONCLUDES, "NO SIGNIFICANT EXPOSURE TO TITANIUM DIOXIDE IS THOUGHT TO OCCUR DURING THE USE OF PRODUCTS IN WHICH TITANIUM IS BOUND TO OTHER MATERIALS, SUCH AS PAINT."

TOXICOLOGY DATA:

CAS NO.

INGREDIENT NAME

74-98-6

PROPANE

LC50 RAT 4HR: NOT AVAILABLE

LD50 RAT: NOT AVAILABLE

108-88-3

TOLUENE

LC50 RAT 4HR: 4000 PPM

LD50 RAT: 5000 MG/KG

100-41-4	ETHYLBENZENE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 3500 MG/KG
1330-20-7	XYLENE LC50 RAT 4HR: 5000 PPM LD50 RAT: 4300 MG/KG
67-63-0	2-PROPANOL LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 5045 MG/KG
71-36-3	1-BUTANOL LC50 RAT 4HR: 8000 PPM LD50 RAT: 790 MG/KG
67-64-1	ACETONE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 5800 MG/KG
78-93-3	METHYL ETHYL KETONE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 2740 MG/KG
763-69-9	ETHYL 3-ETHOXYPROPIONATE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: 5000 MG/KG
123-86-4	n-BUTYL ACETATE LC50 RAT 4HR: 2000 PPM LD50 RAT: 13100 MG/KG
13463-67-7	TITANIUM DIOXIDE LC50 RAT 4HR: NOT AVAILABLE LD50 RAT: NOT AVAILABLE

## SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NO DATA AVAILABLE.

## SECTION 13 - DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL METHOD:

WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) 40 CFR 261.

WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS.

DO NOT INCINERATE. DEPRESSURIZE CONTAINER. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE/PROVINCIAL, AND LOCAL REGULATIONS REGARDING POLLUTION.

## SECTION 14 - TRANSPORT INFORMATION

### US GROUND (DOT):

MAY BE CLASSED AS CONSUMER COMMODITY, ORM-D  
UN1950, AEROSOLS, 2.1, LIMITED QUANTITY, (ERG # 126)

### CANADA (TDG):

MAY BE CLASSED AS CONSUMER COMMODITY, ORM-D  
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, (ERG # 126)

IMO:

MAY BE SHIPPED AS LIMITED QUANTITY  
UN1950, AEROSOLS, CLASS 2.1, LIMITED QUANTITY, EMS F-D, S-U

## SECTION 15 - REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION:

CAS NO.	CHEMICAL/COMPOUND	% BY WT	% ELEMENT
108-88-3	TOLUENE	3	
100-41-4	ETHYLBENZENE	0.4	
1330-20-7	XYLENE	2	
71-36-3	1-BUTANOL	1	

CALIFORNIA PROPOSITION 65:

WARNING:

THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE  
CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

TSCA CERTIFICATION:

ALL CHEMICALS IN THIS PRODUCT ARE LISTED, OR ARE EXEMPT FROM LISTING, ON  
THE TSCA INVENTORY.

## SECTION 16 - OTHER INFORMATION

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF  
THE CANADIAN CONTROLLED PRODUCTS REGULATIONS (CPR) AND THE MSDS CONTAINS  
ALL OF THE INFORMATION REQUIRED BY THE CPR.

THE ABOVE INFORMATION PERTAINS TO THIS PRODUCT AS CURRENTLY FORMULATED, AND  
IS BASED ON THE INFORMATION AVAILABLE AT THIS TIME. ADDITION OF REDUCERS OR  
OTHER ADDITIVES TO THIS PRODUCT MAY SUBSTANTIALLY ALTER THE COMPOSITION AND  
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