

# INDUSTRIAL WORK DAY ENAMEL SPRAY PAINT, FLAT WHITE

**Product: NI507**  
Revision Date: 2012/02/02

## Section 1: PRODUCT INFORMATION

**Chemical family:** Mixture.

**Product uses:** Paint

**Manufacturer:** Sherwin-Williams Company  
Krylon Products Group  
Cleveland, OH 44115.

**Manufacturer emergency phone number:** Chemtrec 800-424-9300 (24h).  
216-566-2917.

**Information phone number:** 216-566-2902.

**Supplier:** Same as manufacturer.

**TDG classification:** AEROSOLS  
UN1950  
Class 2.1.  
May be shipped as a Consumer Commodity ORM-D.

**Special instructions:** Limited Quantity.

**WHMIS classification:**

A, B5, D2A, D2B.



**DSL status:** The substance(s) listed in section 2 appear on the Domestic Substances List.

**Supplier MSDS date:** 2012/02/02.

## Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
106-97-8	17	N-BUTANE	1000 PPM	NOT AVAILABLE	658,000 MG/M3/4H RAT INHALATION  680,000 MG/M3/2H MOUSE INHALATION
108-88-3	13	TOLUENE	20 PPM	636 MG/KG RAT ORAL 14,100 UL/KG RABBIT DERMAL	49,000 MG/M3/4 HOURS RAT INHALATION 400 PPM/24 HOURS MOUSE INHALATION 10,000 MG/M3 MOUSE INHALATION 30,000 MG/M3/2H MOUSE INHALATION
13463-67-7	3	TITANIUM DIOXIDE	10 MG/M3	NOT AVAILABLE	NOT AVAILABLE
14807-96-6	6	TALC	2 MG/M2	NOT AVAILABLE	NOT AVAILABLE

64742-89-8	4	SOLVENT NAPHTHA, LIGHT ALIPHATIC	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
64742-89-8	3	PETROLEUM DISTILLATES	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
67-64-1	31	ACETONE	500 PPM	5800 MG/KG RAT ORAL 3000 MG/KG MOUSE ORAL 5340 MG/KG RABBIT ORAL	50,100 MG/M3/8H RAT INHALATION 44,000 MG/M3/4H MOUSE INHALATION
74-98-6	18	PROPANE	1000 PPM	NOT AVAILABLE	>800000 PPM/15MIN RAT INHALATION

### Section 2A: ADDITIONAL INGREDIENT INFORMATION

**Note:** (supplier).  
CAS# 64742-89-8: TLV 300 ppm (supplier).  
CAS# 64742-89-8: TLV 100 ppm.  
CAS# 108-88-3: LC50 4000 ppm/4h rat inhalation.  
CAS# 106-97-8 TLV 800 ppm.

### Section 3: PHYSICAL DATA

**Physical state:** Liquid (aerosol).  
**Appearance & odor:** White  
**Odor threshold (ppm):** Not available.  
**Vapour pressure (mmHg):** Not available.  
**Vapour density (air=1):** Heavier than air.  
**Volatiles (%)**  
**By volume:** 94%  
**Evaporation rate (butyl acetate = 1):** Faster than ether.  
**Boiling point (°C):** < -18 – 162°C  
**Freezing point (°C):** Not available.  
**pH:** 7.0  
**Specific gravity @ 20 °C:** 0.73  
**Solubility in water (%):** Not applicable.  
**Coefficient of water\oil dist.:** Not available.  
**VOC:** Theoretical.  
By weight.  
Less water and exempt solvents.  
55.42%

#### Section 4: FIRE & EXPLOSION DATA

- Flammability:** Flammable aerosol.
- Conditions of flammability:** Excessive heat, sparks and open flames.  
Vapours may travel to a source of ignition and flash back.
- Extinguishing media:** Carbon dioxide, dry chemical, foam.  
Water spray may be ineffective.  
If water is used, fog nozzles are preferable.
- Special procedures:** Self-contained breathing apparatus required.  
Firefighters should wear the usual protective gear.  
Use water to cool fire exposed containers.
- Auto-ignition temperature (°C):** Not available.
- Flash point (°C), method:** (propellant).  
< -17.77
- Lower flammability limit (% vol):** 0.9
- Upper flammability limit (% vol):** 12.8
- Explosion Data**
- Sensitivity to static discharge:** Take precautionary measures against static discharge.
- Sensitivity to mechanical impact:** Contents under pressure.
- Hazardous combustion products:** Oxides of carbon (CO, CO<sub>2</sub>).
- Explosive power:** Vapours will accumulate and may ignite explosively.  
Aerosol containers are extremely flammable. Containers may rupture if exposed to heat or fire.

#### Section 5: REACTIVITY DATA

- Chemical stability:** Product is stable.
- Conditions of instability:** None known.
- Hazardous polymerization:** Will not occur.
- Incompatible substances:** None known.
- Hazardous decomposition products:** See hazardous combustion products.

#### Section 6: TOXICOLOGICAL PROPERTIES

- Route of entry:** Inhalation, skin and eye contact.
- Effects of acute exposure
- Eye contact:** Irritation.  
May cause itching, burning or redness.
- Skin contact:** Prolonged contact may cause irritation.  
May cause redness, itching and burning sensation.
- Inhalation:** Upper respiratory tract irritation may occur.  
In extreme cases, unconsciousness and death may occur.  
Inhalation overexposure can lead to central nervous system depression producing effects such as headache, nausea, dizziness and loss of coordination.

**Ingestion:** May be harmful if swallowed.

**Effects of chronic exposure:** Prolonged occupational overexposure to solvents may lead to permanent brain and nervous system damage.  
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.  
Prolonged exposure to solvent ingredients in section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.

**LD50 of product, species & route:** Not available for mixture, see the ingredients section.

**LC50 of product, species & route:** Not available for mixture, see the ingredients section.

**Exposure limit of material:** 10 mg/m<sup>3</sup> total dust; 3 mg/m<sup>3</sup> respirable dust.

**Sensitization to product:** Not available.

**Carcinogenic effects:** Titanium Dioxide is listed as possibly carcinogenic to humans by IARC (Group 2B).

**Reproductive effects:** May affect reproductive system.

**Teratogenicity:** Not available.

**Mutagenicity:** Not available.

**Synergistic materials:** Not available.

## Section 7: PREVENTATIVE MEASURES

### Precautionary Measures

**Gloves/Type:** Chemical resistant gloves.  
For prolonged contact.

**Respiratory/Type:** Organic vapor/particulate respirator recommended.  
When sanding or abrading the dry film wear a NIOSH approved dust/mist respirator.

**Eye/Type:** Safety glasses with non-perforated shields.

**Footwear/Type:** Safety shoes per local regulations.

**Clothing/Type:** Wear adequate protective clothes.

**Other/Type:** Eye wash facility should be in close proximity.  
Emergency shower should be in close proximity.

**Ventilation requirements:** Local exhaust at points of emission preferred.  
Mechanical (general) ventilation is acceptable.

**Leak/Spill:** Eliminate all sources of ignition.  
Ventilate area.  
Wear appropriate protective equipment.  
Ground handling equipment.  
Soak up with inert absorbent.  
Place in appropriate container for disposal.

**Waste disposal:** In accordance with municipal, provincial and federal regulations.  
Do not incinerate closed containers.  
Release pressure prior to disposing of container.

**Handling procedures and equipment:** Keep away from heat, sparks, and open flame.  
Avoid breathing vapors/mists.  
Use adequate ventilation.  
Wash thoroughly after using, particularly before eating or smoking.  
Wear personal protective equipment appropriate to task.  
Keep out of reach of children.  
Use proper grounding procedures.  
Avoid contact with skin, eyes and clothing.

Do not smoke in handling or storage area.  
Do not take internally.  
Do not puncture, incinerate, or burn.  
Launder contaminated clothing prior to reuse.  
Application to hot surfaces requires special care.

**Storage requirements:** Keep out of direct sunlight.  
Store in a cool, dry and well ventilated area.  
Store away from radiators, pilot lights, hot water, stoves and all sources of heat and ignition. They could cause the container to rupture.  
Do not store above 49°C (120°F).

**TDG classification:** AEROSOLS  
UN1950  
Class 2.1.  
May be shipped as a Consumer Commodity ORM-D.

**Special instructions:** Limited Quantity.

**Special shipping information:** See transportation information.

### Section 8: FIRST AID MEASURES

**Skin contact:** Remove contaminated clothing.  
Wash thoroughly with soap and water.  
Seek medical attention if irritation persists.

**Eye contact:** Flush with water for at least 15 minutes.  
Get medical attention.

**Inhalation:** Remove victim to fresh air. If not breathing, qualified personnel should administer artificial respiration. Get medical attention.  
Keep person warm and at rest.

**Ingestion:** Do not induce vomiting, seek immediate medical attention.

**Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

### Section 9: ADDITIONAL INFORMATION

**General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.

**Data prepared by:** Conform-Action Data Systems  
A division of 2843471 Canada Inc.  
1804 Transcanada, suite 101  
Dorval, QC H9P 1H7  
Tel: (514) 683-2060 Fax: (514) 683-1445  
24 hr. 1-866-628-7522 support@netmsds.com.

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