

**5687 KNOCK OUT ORANGE TYPE II FAST DRY LATEX TRAFFIC PAINT****1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT CODE: 5687
PRODUCT NAME: KNOCK OUT ORANGE TYPE II FAST DRY LATEX TRAFFIC MARKING PAINT
PRODUCT USE: Liquid Paint
MANUFACTURER: RAE Products & Chemicals Corporation
11638 South Mayfield Avenue.
Alsip, IL 60803
1-(877)-275-7550

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US): 1 (800) 424-9300

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Skin and eye irritant.

CLASSIFICATION:

Flammable liquids - Category 2
Acute Toxicity (Oral) - Category 3
Acute Toxicity, Inhalation - Category 3
Acute toxicity, Dermal - Category 3
Carcinogenicity - Category 2B
Eye irritation - Category 2A
S.T.O.T. - single exposure - Category 1 (Eyes, Central Nervous System)
Carcinogenicity - Category 1A
S.T.O.T. - repeated exposure - Category 2 (Lung)
S.T.O.T. - single exposure - Category 3 (Central nervous system)

PICTOGRAMS:

SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H421 - May form combustible dust concentrations in air.
H335 - May cause respiratory irritation.
H350 - May cause cancer.
H373 - May cause damage to organs through prolonged or repeated exposure.
H225 - Highly flammable liquid and vapor.
H301 - Toxic if swallowed.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H370 - Causes damage to organs.

PRECAUTIONARY STATEMENTS:

P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P270 - Do not eat, drink or smoke when using this product.
P201 - Obtain special instructions before use.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P281 - Use personal protective equipment as required.
P260 - Do not breathe dust/fumes/gas/mist/vapors/spray.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P264 - Wash thoroughly after handling.
P241 - Use explosion-proof electrical / ventilating / lighting / equipment.
P243 - Take precautionary measures against static discharge.
P242 - Use only non-sparking tools.
P271 - Use only outdoors or in a well-ventilated area.

POTENTIAL HEALTH EFFECTS:**EYES:** Primarily an irritant.**SKIN:** Primarily an irritant.**INGESTION:** No known significant effects or critical hazards.**INHALATION:** No known significant effects or critical hazards.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT % (MAX)</u>
METHYL ALCOHOL	67-56-1	2.11
TITANIUM DIOXIDE	13463-67-7	1.31
CARBON BLACK	1333-86-4	0.23

4. FIRST AID MEASURES**EYES:** Rinse thoroughly with plenty of water, also under the eyelids for at least 15 minutes. Seek medical attention if needed.**SKIN:** Wash off with soap and water immediately. Remove all contaminated clothing. Seek medical attention if needed.**INGESTION:** Call Poison Control Center immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.**INHALATION:** Move to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Seek medical attention if needed.**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:****SYMPTOMS:** Eye and skin irritation. Drowsiness and dizziness.**EFFECTS:** Pain or irritation, coughing, nausea or vomiting, headache, unconsciousness.**NOTES TO PHYSICIAN:** Treat symptomatically. If large quantities have been ingested or inhaled, contact poison control center immediately.**5. FIRE FIGHTING MEASURES****PERSONAL PRECAUTIONS:** See Section 8**EXTINGUISHING MEDIA:** Dry chemical, CO₂, water spray (fog) or foam.**FIRE FIGHTING PROCEDURES:** Isolate scene. Use appropriate extinguishing media. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with full face-piece operated in positive pressure mode.**UNUSUAL FIRE HAZARD:** Vapors are heavier than air and may travel along the ground and be ignited by heat, open flame or other ignition sources. Keep containers tightly closed. Isolate from heat, sparks, electrical equipment and open flames. Closed containers may explode when exposed to extreme heat. Thermal decomposition can lead to release of irritating gases and vapors.**6. ACCIDENTAL RELEASE MEASURES****SPILL:** Evacuate all nonessential personnel. Remove all sources of ignition. Ventilate the area. Equip employees with appropriate personal protective equipment. Dike around spilled material. Cover spill with inert absorbent material. Use non-sparking tools.**PERSONAL PRECAUTIONS:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate unnecessary personnel to safe areas. Beware of vapors, accumulating to form explosive concentrations.**METHOD OF CLEAN UP:** Contain spillage. Absorb with inert dry material and place in appropriate waste disposal container. Dispose of in accordance with all local, State or Federal regulations.**7. HANDLING AND STORAGE****PRECAUTIONS FOR SAFE HANDLING:** Avoid exposure to high temperatures. Do not allow to freeze. This product is stable under normal use and storage conditions. Keep out of reach of children.

CONDITIONS FOR SAFE STORAGE: Keep container tightly closed in a dry, cool and well-ventilated area, away from sources of heat, fire or sparks. Do not store in unlabeled containers.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

CHEMICAL NAME	CAS NUMBER	OEL
METHYL ALCOHOL	67-56-1	ACGIH TWA 200 ppm; STEL 250 ppm
TITANIUM DIOXIDE	13463-67-7	OSHA PEL 15 mg/m ³ (total dust)

NL = Not Listed

ENGINEERING CONTROLS: Use only with proper ventilation. Use explosion-proof ventilation equipment if necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses with side shields or chemical splash goggles.

SKIN: Chemical resistant impervious gloves.

RESPIRATORY: In case of insufficient ventilation wear suitable respiratory equipment.

WORK HYGIENIC PRACTICES: Handle in accordance with good industrial hygiene and safety practice(s). Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

OTHER PRECAUTIONS: Wear impervious clothing and appropriate footwear.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR & PHYSICAL STATE: Orange liquid	SPECIFIC GRAVITY: 1.6542
ODOR: Characteristic of ammonia.	VAPOR DENSITY: Heavier than air
ODOR THRESHOLD: No information available	VAPOR PRESSURE: No information available
BOILING POINT: 147 deg F	SOLUBILITY IN WATER: Completely soluble
MELTING POINT: No information available	PARTITION COEFFICIENT: No information available
FREEZING POINT: 32 deg F	AUTO IGNITION TEMPERATURE: No information available
EVAPORATION RATE: No information available	DECOMPOSITION TEMPERATURE: No information available
FLAMMABILITY (solid,gas): Not applicable	FLAMMABILITY LIMITS: Not applicable
VISCOSITY: 80-90 KU	FLASH POINT & METHOD: Not applicable
pH: >8	

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

POSSIBILITY OF REACTION: Under normal conditions of storage and use, hazardous reactions will not occur.

CONDITIONS TO AVOID: Heat, flames and sparks. Extremes in temperature and direct sunlight.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents, heat and open flames.

DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE SIGNS AND SYMPTOMS OF OVEREXPOSURE:

EYE: May cause eye irritation.

SKIN: Prolonged or repeated skin contact may cause irritation. Allergic reactions are possible.

INHILATION: Harmful if inhaled. Avoid breathing fumes, spray, vapors, or mist. May cause headaches and dizziness. High vapor concentrations are irritating to the eyes, nose, throat and lungs. High gas, vapor, mist or dust concentrations may be harmful if inhaled. Prolonged or excessive inhalation may cause respiratory tract irritation.

INGESTION: Harmful if swallowed. Aspiration hazard if swallowed; can enter lungs and cause damage.

CHRONIC EFFECTS: May cause damage to organs through prolonged or repeated over exposure.

TOXICOLOGICAL INFORMATION

CARBON BLACK (1333-86-4)

Acute oral toxicity	LD50 Rat: >8000 mg/kg
Acute dermal toxicity	No data available
Acute inhalation toxicity	No data available

METHYL ALCOHOL (67-56-1)

Acute oral toxicity LD50 (rat): 100 mg/kg
 Acute inhalation toxicity LC50 (rat): 3 mg/l, exposure time 4 hours
 Acute dermal toxicity LD50 (rabbit): 300 mg/kg

TITANIUM DIOXIDE (13463-67-7)

Acute oral toxicity LD50 Oral Rat >10000 mg/kg

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Prevent entry into waterways, sewers or confined areas. Do not allow material or used container to contaminate ground water system.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with all local, State and Federal regulations.
CONTAINER: Empty containers may contain product residue and should not be reused. Vapors from residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

14. TRANSPORT INFORMATION

SPECIAL TRANSPORT PRECAUTIONS: None known
UN NUMBER: Not regulated **UN PROPER SHIPPING NAME:** -
DOT HAZARD CLASS: - **PACKING GROUP:** -
ERG #: - **MARINE POLLUTANT:** -

15. REGULATORY INFORMATION

TSCA CERTIFICATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH: Yes
CHRONIC HEALTH: No
FIRE: Yes
PRESSURE GENERATING: No
REACTIVE: No

SARA 313:

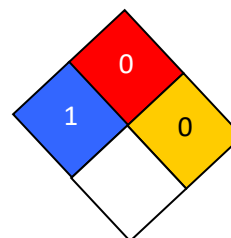
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>
METHYL ALCOHOL	67-56-1

16. OTHER INFORMATION

REVISION DATE: 05/24/2022

HMIS RATING	
Health :	1
Flammability :	0
Reactivity :	0
Personal Protection :	X

NFPA CODES



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