

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: SEALBOND REFLECTORIZED TRAFFIC PAINT
PRODUCT CODE: SE – RTP – W118

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	Wt. %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA
ALIPHATIC PETROLEUM DISTILATES	64742-89-8	20.	300	400	300
N-HEXANE 100%	110-54-3	1.	50.	50	N/E
Reflective Glass Elements	N/A				

3. HAZARDS IDENTIFICATION

Emergency Overview: Flammable Liquid and vapor

Effects of Overexposure – Eye Contact: Mild eye irritation. Direct eye contact may cause irritation.

Effects of Overexposure – Skin Contact: Direct skin contact may cause irritation. Skin Irritant.

Effects of Overexposure – Inhalation may cause irritation to the respiratory tract (nose, mouth, Mucous membranes).

Effects of Overexposure – Ingestion: Harmful: may cause lung damage if swallowed.

Effects of overexposure – chronic Hazards: Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.

Primary Route(s) of Entry: Skin Contact, Inhalation, Eye Contact

4. FIRST AID MEASURES

First Aid – Eye Contact: Flush eye(s) immediately with plenty of water. Rinse with plenty of water.

First Aid – Skin Contact: Wash off with soap and water.

First Aid – inhalation: Move to fresh air.

First Aid – Ingestion: Call a physician or Poison Control Center immediately.

5. FIRE FIGHTING MEASURES

Flash Point, F: 50 Deg

Extinguishing Media: Dry Chemical, Foam

Unusual Fire And Explosion Hazards: Remove all sources of ignition. May be ignited by open flame. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded.

Special Firefighting Procedures: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Evacuate personnel to safe areas.

Chemical Name	LEL	UEL	FLASH POINT F. DEG	AUTO-IGNITION TEMP. F DEG
ALIPHATIC PETROLEUM DISTILATES	0.90	7.00	50.00	450
N-HEXANE 100%	1.00	7.50	-10.00	437
Reflective Elements	Not Applicable	Not Applicable		Not Applicable

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Material Is Released Or Spilled: Soak up with inert absorbent material and dispose of as hazardous waste.

7. HANDLING AND STORAGE

Handling: Containers of this material may be hazardous when emptied. Hazardous fumes can also occur in post-processing operations. Handle in accordance with good industrial hygiene and safety practice. All metal parts of the mixing and processing equipment must be grounded.

Storage: Harmful – store away from foodstuffs.

8. EMPLOYEE PROTECTION

Engineering Controls: local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits. Ensure adequate ventilation.

Respiratory Protection: The selection of the personnel protection equipment varies depending upon conditions of use. In case of insufficient ventilation wear suitable respiratory equipment. When workers are facing concentrations above the exposure limit they must wear NIOSH approved respirators.

Skin Protection: Impervious gloves.

Eye Protection: Safety glasses with side-shields.

Other protective equipment: Impervious clothing

Hygienic Practices: It is good practice in industrial hygiene to avoid contact solvents by using appropriate protective measures whenever possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

Odor: Characteristics
Appearance: Heavy Liquid (Color as user specs: White, Yellow , Black, Blue)
Specific Gravity 1.527
Physical State Liquid

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>		<u>VPmmHg</u>	<u>atDEG.F</u>
		<u>BOILING POINT</u>			
ALIPHATIC PETROLEUM DISTILATES	3.80	2.00	240	10.20	68
N-HEXANE 100%	3.00	9.0	159	59.2	68
Reflective Elements	N/A	N/A	N/A	N/A	N/A

10. STABILITY AND REACTIVITY

Conditions To Avoid: Avoid heat, sparks, open flame and other ignition sources.

Incompatibility: Keep away from strong oxidizing agents, heat and open flames.

Hazardous Decomposition Products: carbon Monoxide, Carbon Dioxide

Hazardous Polymerization: Will not occur

Stability: Stable under normal conditions.

11. TOXICOLOGICAL INFORMATION

No Data

12. ECOLOGICAL INFORMATION

Ecological Information: Do not allow material to contaminate ground water system.

13. DISPOSAL CONSIDERATIONS

Disposal Information: Do not flush into surface water or sanitary sewer system

14. TRANSPORT INFORMATION

DOT Proper Shipping name:	Paint, Flammable Liquid Packing Group II		
DOT Hazard Class:	3	Resp.Guide Page	128
DOT Un/NA Number	1263		

15. REGULATIONS

Warning: The following ingredients present in the product are known to cause Cancer:

<u>Chemical Name</u>	<u>CAS NUMBER</u>
ETHYL BENZENE	100-41-4

SECTION 16- Other information

HMIS Ratings:

Health: 1

Flammability: 3

Reactivity: 0