

Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200



Section 1. Identification

Product Information:	22R-E009
Product Name:	TOUGHLINE® RED TRAFFIC SAFETY PAINT
Recommended Use:	Liquid Paint
Application Method:	See Product Data Sheet
Supplied by:	Aexcel Corporation 7373 Production Drive. Mentor, OH 44060
Emergency Telephone:	Chemtrec: 800-424-9300
Safety Data Sheet Coordinator:	mmann@aexcelcorp.com

Section 2. Hazard(s) identification

EMERGENCY OVERVIEW: Flammable liquid and vapor.

GHS Classification

Carc. 2, Flam. Liq. 2

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

34% of the mixture consists of ingredients of unknown acute toxicity

GHS HAZARD STATEMENTS

Carcinogenicity, category 2	H351	Suspected of causing cancer.
Flammable Liquid, category 2	H225	Highly flammable liquid and vapour.

GHS LABEL PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P370+P378	In case of fire: Use dry chemical, carbon dioxide, or foam to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

P405 Store locked up.
 P501 Dispose of contents/container in accordance with local rules and regulations.

GHS SDS PRECAUTIONARY STATEMENTS

P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.

Section 3. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
DIMETHYL CARBONATE/ DIMETHYL ESTER	616-38-6	10-25	GHS02	H225
ACETONE	67-64-1	2.5-10	GHS02-GHS07	H225-320-335-336
TOLUENE	108-88-3	1.0-2.5	GHS02-GHS07- GHS08	H225-304-315-336-361-373
XYLENE	1330-20-7	1.0-2.5	GHS02-GHS07- GHS08	H226-304-312-315-319-332-335- -351-361-373

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

Section 4. First-aid measures

FIRST AID - INHALATION: Move to fresh air in case of accidental inhalation of vapors or decomposition products. Move to fresh air. Oxygen or artificial respiration if needed.

FIRST AID - SKIN CONTACT: If skin irritation persists, call a physician. Wash off immediately with plenty of water. Wash off immediately with soap and plenty of water. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

FIRST AID - EYE CONTACT: Rinse with plenty of water.

FIRST AID - INGESTION: Call a physician or Poison Control Center immediately. Consult a physician. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

Section 5. Fire-fighting measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Remove all sources of ignition.

SPECIAL FIREFIGHTING PROCEDURES: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

EXTINGUISHING MEDIA: Alcohol Foam, Carbon Dioxide, Dry Chemical, Foam

Section 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.

Section 7. Handling and storage

HANDLING: Containers of this material may be hazardous when emptied. Handle in accordance with good industrial hygiene and safety practice.

STORAGE: Harmful - Store away from foodstuffs. Keep containers tightly closed. Keep in a well-ventilated place. Keep locked-up. Keep refrigerated. For Industrial Use Only

Section 8. Exposure controls/personal protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
DIMETHYL CARBONATE/ DIMETHYL ESTER	NE	NE	NE	NE
ACETONE	250 ppm	500 ppm	1000 ppm	NE
TOLUENE	20 ppm	150 ppm	200 ppm	300 ppm
XYLENE	100 ppm	150 ppm	100 ppm	NE

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection



RESPIRATORY PROTECTION: In the case of respirable dust and/or fumes, use self-contained breathing apparatus.



SKIN PROTECTION: Impervious gloves.



EYE PROTECTION: Safety glasses with side-shields.



OTHER PROTECTIVE EQUIPMENT: Impervious clothing.



HYGIENIC PRACTICES: Contaminated work clothing should not be allowed out of the workplace. General industrial hygiene practice. Keep working clothes separately.

Section 9. Physical and Chemical Properties

Boiling Range (F):	132 - 536	Vapor Density:	3.10
Odor:	Characteristic	Odor Threshold:	NE
Appearance:	Heavy Liquid	Evaporation Rate:	2.00
Solubility in Water:	NE	Specific Gravity:	1.376
Freeze Point:	NE	pH:	NE
Vapor Pressure (mm Hg):	180.80	Viscosity:	NE
Physical State:	Liquid	Flash Point, °C:	-17, °F 1.4

(See section 16 for abbreviation legend)

<u>CHEMICAL NAME</u>	<u>VAPOR DENSITY</u>	<u>EVAPORATION RATE</u>	<u>BOILING POINT</u>	<u>VP mmHg</u>	<u>at DEG. F</u>
DIMETHYL CARBONATE/ DIMETHYL ESTER	3.10	NE	195	55.50	77
ACETONE	NE	NE	132	180.80	68
TOLUENE	3.10	2.00	231	21.00	68
XYLENE	0.87	NE	279	9.00	77

Section 10. Stability and reactivity

STABILITY: Stable under normal conditions. Stable if used as directed.

CONDITIONS TO AVOID: Avoid contact with skin, eyes and clothing.

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

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide

Section 11. Toxicological information



Practical Experiences

EFFECT OF OVEREXPOSURE - INHALATION: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes).

EFFECT OF OVEREXPOSURE - SKIN CONTACT: Local ventilation of emission sources may be necessary to maintain ambient concentrations below recommended exposure limits.

EFFECT OF OVEREXPOSURE - EYE CONTACT: Direct eye contact may cause irritation.

EFFECT OF OVEREXPOSURE - INGESTION: Harmful: may cause lung damage if swallowed.

CARCINOGENICITY: No Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
616-38-6	DIMETHYL CARBONATE/ DIMETHYL ESTER	N.I.	N.I.	N.I.
67-64-1	ACETONE	N.I.	N.I.	N.I.
108-88-3	TOLUENE	5580	12196	12500
1330-20-7	XYLENE	4300	2000	N.I.

N.I. - No Information

Section 12. Ecological information

ECOLOGICAL INFORMATION: Do not contaminate ponds, waterways or ditches with chemical or used container.

Section 13. Disposal considerations



Product

DISPOSAL METHOD: Contact waste disposal services. Dispose of in accordance with all local, state and federal regulations.

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Soak up with inert absorbent material and dispose of as hazardous waste.

Section 14. Transport information

SPECIAL TRANSPORT PRECAUTIONS: No Information

DOT Proper Shipping	Paint, Flammable Liquid	Packing Group:	II
DOT Technical Name:	Paint	Hazard SubClass:	No Information
DOT Hazard Class:	3	Resp. Guide Page:	128
DOT UN/NA Number:	1263		

Section 15. Regulatory information

U.S. Federal Regulations:

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:

Flammable (gases, aerosols, liquids, or solids), Carcinogenicity

SARA SECTION 312:

<u>Chemical Name</u>	<u>CAS-No.</u>
ACETONE	67-64-1
TOLUENE	108-88-3
XYLENE	1330-20-7

SARA SECTION 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-No.</u>
ACETONE	67-64-1
TOLUENE	108-88-3
XYLENE	1330-20-7
CUMENE	98-82-8

TOXIC SUBSTANCES CONTROL ACT:

All components of this material are listed on the US Toxic Substance Control Act (TSCA inventory).

U.S. State Regulations:

NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS-No.</u>
LIMESTONE	1317-65-3
BUTYL METHACRYLATE COPOLYMER	

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

<u>Chemical Name</u>	<u>CAS-No.</u>
LIMESTONE	1317-65-3
BUTYL METHACRYLATE COPOLYMER	

CALIFORNIA PROPOSITION 65 CARCINOGENS



The following ingredients present in the product are known to the state of California to cause Cancer:

<u>Chemical Name</u>	<u>CAS-No.</u>
DI-ISONONYL PHTHALATE	28553-12-0
CUMENE	98-82-8

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

<u>Chemical Name</u>	<u>CAS-No.</u>
TOLUENE	108-88-3

International Regulations: As follows -**CANADIAN WHMIS:**

All components of this material are listed on the Domestic Substance List.

WHMIS Class: No Information

Section 16. Other information, including date of preparation of the last revision

Revision Date: 4/10/2024 **Supersedes Date:** 1/27/2021

Reason for revision: Revision Description Changed
Product Composition Changed
Substance and/or Product Properties Changed in Section(s):
01 - Product Information
02 - Hazards Identification
08 - Exposure Controls/Personal Protection
09 - Physical & Chemical Information
15 - Regulatory Information
Substance Chemical Name Changed
Revision Statement(s) Changed

Datasheet produced by: Regulatory Department

HMIS Ratings:

Health:	2	Flammability:	3	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 95

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS07



GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

No Information