

Aexcel Corporation

Material Safety Data Sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 22R-D005
Product Code: 22R-D005
Description: Red Low VOC Acrylic Traffic Safety Paint
Manufacturer: Aexcel Corporation
 7373 Production Drive
 Mentor, OH 44060
Phone Numbers: Information: 440-974-3800
 Emergency/CHEMTREC: 800-424-9300
MSDS Rev No./Date: 1 2005-04-29 15:45:32

II. COMPOSITION/INFORMATION ON POTENTIALLY HAZARDOUS INGREDIENTS

Chemical Name	CAS No.	Wt %	OSHA Permissible Exposure Limits (PEL)	
			STEL, ppm	TWA, ppm
ACETONE	67-64-1	18.22	1000	750
XYLENE (MIXED ISOMERS)	1330-20-7	2.96	150	100
HI SOL 15	64742-94-5	2.42	100	25
DIISONONYL PHTHALATE	28553-12-0	1.05	N.E.	N.E.

III. HAZARDS IDENTIFICATION

HMIS Safety Ratings
(0 - 4, 4 = severe hazard)

Health	Flammability	Reactivity
2	3	0

Health Hazards

Routes of Entry: Inhalation, Skin contact, Eye contact
Target Organs: Heart, Kidneys, Central nervous system stimulation

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Irritating to the nose, throat, and respiratory tract. High gas, vapor, mist, or dust concentrations may be harmful if inhaled.
Skin Contact: Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact: Can cause minor irritation, tearing and reddening.

Long-Term (Chronic) Health Effects:

Reproductive/Developmental: Contains a substance(s) that is a possible reproductive system hazard based on high dose tests with laboratory animals.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Inhalation: Breathing large amounts may cause harmful effects.
Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.
Ingestion: Swallowing large amounts is harmful, seek medical attention.

Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

22R-D005

IV. FIRST-AID MEASURES

Eyes: Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists. Wash clothing before reuse.

Ingestion: No hazard expected under normal industrial use. If a large quantity is swallowed, seek medical attention. Do not induce vomiting.

V. FIRE FIGHTING MEASURES

Flammability Summary: Extremely Flammable-4 Deg. F. TCC

Flash Point:

Fire Fighting Instructions: Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

Haz Combustion Products: Hydrocarbons

Component Parameters:	Flashpoint TCC deg F	Autoignition Temp deg F	UEL % in air	LEL % in air
ACETONE	-4	869.00	12.8	2.5
XYLENE (MIXED ISOMERS)	84	867.00	7.0	1.0
HI SOL 15	141		6.0	1.0
DIISONONYL PHTHALATE	435		0.0	

VI. ACCIDENTAL RELEASE MEASURES

Small Spill: Eliminate all sources of ignition such as flares, flames, pilot lights, and sparks. Absorb liquid on vermiculite, floor absorbent, or other absorbent material.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source. Prevent from entering bare ground, drains, sewers, streams or other bodies of water. Prevent from spreading. Pump or vacuum-transfer spilled product for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to bare ground, sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required that a spill has occurred.

VII. HANDLING AND STORAGE

Handling/Storage: Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. All five-gallon pails and larger metal containers, including tank cars and tank trucks, should be grounded and/or bonded when material is transferred. Emergency eyewash fountains and safety showers should be available in the immediate vicinity of potential exposure.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Provide sufficient general and/or local exhaust ventilation to maintain exposure below TLV(s).

Respiratory Protection: If workplace exposure limit(s) of product or any component is exceeded, a NIOSH/MSHA approved air supplied respirator is advised in absence of proper

environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

Eye Protection:
Skin Protection:

Wear safety glasses when handling this product.

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Use impervious gloves. Use of protective coveralls and long sleeves is recommended.

Gloves:

Chemically resistant gloves

Control Parameters:

Chemical Name	ACGIH TLV-TWA ppm	ACGIH STEL ppm	IDLH ppm
ACETONE	750	1000	
XYLENE (MIXED ISOMERS)	100	150	
HI SOL 15	25	100	
DIISONONYL PHTHALATE	N.E.	N.E.	

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Heavy Red Liquid
Bulk Density:	12.37 lbs/gal
Volatiles, by weight:	25.7%
Volatiles, by volume:	46.3%

Component Properties:	VP mmHg	at deg F	Vapor Density (1 = air)	Evaporation Rate (1 = n-butyl acetate)	BP F at 1 atm
ACETONE	186.000	68	2.00	6.00	133
XYLENE (MIXED ISOMERS)	7.000	68	3.70	0.70	279
HI SOL 15	1.000	68	4.80	116.00	350
DIISONONYL PHTHALATE	1.300	68	14.50		485

X. STABILITY AND REACTIVITY

Stability/Reactivity:	Stable under normal conditions.
Conditions to Avoid:	Avoid heat, sparks, open flame and other ignition sources.
Chemical Incompatibility:	Strong acids Strong oxidizing agents
Haz Decomposition Products:	Hydrocarbons

XI. TOXICOLOGICAL INFORMATION

No data

XII. ECOLOGICAL INFORMATION

No data

XIII. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of in accordance with all applicable local, state and federal regulations.

XIV. TRANSPORTATION INFORMATION

DOT Basic Description:	Paint, Flammable Liquid
Hazard Class:	3
UN Number:	UN1263

XV. REGULATORY INFORMATION

TSCA Status: This substance is listed on the TSCA Inventory of Existing Chemical Substances.

Chemical Name	CAS #	Regulation
Acetone	67-64-1	CERCLA
Xylene	1330-20-7	CERCLA
Hi Sol 15	64742-94-5	CERCLA
Acetone	67-64-1	SARA 312
Xylene	1330-20-7	SARA 312
Hi Sol 15	64742-94-5	SARA 312
Diisononyl Phthalate	28553-12-0	SARA 312
Xylene	1330-20-7	SARA 313
Hi Sol 15	64742-94-5	SARA 313
Xylene	1330-20-7	CAA HAP
Acetone	67-64-1	PA Regulated Mat'l
Xylene	1330-20-7	PA Regulated Mat'l
Acetone	67-64-1	NJ Regulated Mat'l
Xylene	1330-20-7	NJ Regulated Mat'l

XVI. ADDITIONAL INFORMATION

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