

SAFETY DATA SHEET

Issuing Date: 10-Jun-2021 Revision Date: 14-Jun-2021 Print Date: 14-Jun-2021

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: AR I750 Epoxy Primer A

professional users

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Skin Corrosion/Irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Flammable Liquids	Category 2

Label Elements

Emergency Overview

DANGER

Hazard Statements

Harmful if swallowed harmful if inhaled Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction May cause cancer Highly flammable liquid and vapor



Odor Solvent **Appearance** Opaque Physical state Liquid

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

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Do not eat, drink or smoke when using this product Avoid breathing dust/fume/gas/mist/vapors/spray

Use only outdoors or in a well-ventilated area

Contaminated work clothing should not be allowed out of the workplace

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

If skin irritation or rash occurs: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool Store in accordance with local regulations

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

- Toxic to aquatic life with long lasting effects
- · Toxic to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Contains a known or suspected carcinogen

This product contains substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990. See Section 15 for list of HAPS.

Chemical Name	CAS No	Weight-%	ACGIH	OSHA
METHYL AMYL KETONE	110-43-0	10% - 20%	TWA: 50 ppm	TWA: 100 ppm
				TWA: 465 mg/m ³
BARIUM SULFATE	7727-43-7	10% - 20%	TWA: 5 mg/m³ inhalable	TWA: 15 mg/m³ total
			particulate matter,	dust
				TWA: 5 mg/m³ respirable
			containing no asbestos	fraction
			and <1% crystalline silica	
STRONTIUM CHROMATE	7789-06-2	10% - 20%	STEL: 0.0005 mg/m ³	TWA: 5 μg/m³
			Cr(VI) inhalable	Ceiling: 0.1 mg/m³ CrO3
			particulate matter	applies to any operations
			TWA: 0.0002 mg/m ³	or sectors for which the
			Cr(VI) inhalable	Hexavalent Chromium
			particulate matter	standard [29 CFR
			S*	1910.1026] is stayed or is
				otherwise not in effect
NATURAL WOLLASTONITE	13983-17-0	5% - 10%	TWA: 1 mg/m³ inhalable	N/A
			particulate matter,	

ACETONE

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			TWA: 250 ppm	TWA: 2400 mg/m ³
TITANIUM DIOXIDE	13463-67-7	5% - 10%	TWA: 10 mg/m ³	TWA: 15 mg/m³ total
				dust
TALC	14807-96-6	1% - 5%	TWA: 2 mg/m ³	TWA: 20 mppcf if 1%
			particulate matter	Quartz or more;use
			containing no asbestos	Quartz limit
			and <1% crystalline silica,	
			respirable particulate	
			matter	
EPOXY RESIN	25068-38-6	1% - 5%	N/A	N/A
XYLENE(PURE)	1330-20-7	1% - 5%	STEL: 150 ppm	TWA: 100 ppm
,			TWA: 100 ppm	TWA: 435 mg/m ³
SYNTHETIC AMORPHOUS SILICA	112926-00-8	1% - 5%	N/A	TWA: 20 mppcf
(PRECIPITATED)				: (80)/(% SiO2) mg/m ³
,				TWA
ETHYLBENZENE	100-41-4	0% - 1%	TWA: 20 ppm	TWA: 100 ppm
				TWA: 435 mg/m ³

67-64-1

4. FIRST AID MEASURES

First Aid Measures

General advice Show this safety data sheet to the doctor in attendance. If symptoms persist, call a

physician.

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention. If easy to

do, remove contact lenses. Keep eye wide open while rinsing. Call a physician immediately.

If symptoms persist, call a physician.

Skin Contact Immediate medical attention is not required. Wash off immediately with soap and plenty of

water while removing all contaminated clothes and shoes. If skin irritation persists, call a

physician.

Inhalation Remove to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth

resuscitation. If not breathing, give artificial respiration. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist,

call a physician.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a

physician immediately.

Self-protection of the first aider Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and

Effects

na

No information available.

Indication of any immediate medical attention and special treatment needed

Notes to physician May cause sensitization of susceptible persons. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes. May cause sensitization by inhalation and skin contact. Extremely flammable.

Explosion Data

Sensitivity to Mechanical Impact no data available.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate

ventilation. Use personal protective equipment as required. Keep people away from and

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upwind of spill/leak. Avoid breathing vapors or mists. Ventilate the area.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do

not flush into surface water or sanitary sewer system. Vapors are heavier than air, spread

along floors and form explosive mixtures with air.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later

disposal.

Methods for Cleaning Up Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal

binder, sawdust). Pick up and transfer to properly labeled containers. Soak up with inert

absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of

ignition. Take precautionary measures against static discharges. Use explosion-proof electrical (ventilation and lighting) equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use with local exhaust ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe vapor or mist. To dissipate static electricity during transfer, ground drum and

connect to receiving container with bonding strap. Use only non-sparking tools.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep

containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks and

flame.

Incompatible Products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH	OSHA	NIOSH IDLH
METHYL AMYL KETONE	TWA: 50 ppm	TWA: 100 ppm	IDLH: 800 ppm
110-43-0		TWA: 465 mg/m ³	TWA: 100 ppm
			TWA: 465 mg/m ³
BARIUM SULFATE	TWA: 5 mg/m³ inhalable particulate		TWA: 10 mg/m ³ total dust
7727-43-7	matter, particulate matter containing	TWA: 5 mg/m³ respirable fraction	TWA: 5 mg/m³ respirable dust
	no asbestos and <1% crystalline		
	silica		
STRONTIUM CHROMATE	STEL: 0.0005 mg/m ³ Cr(VI)	TWA: 5 µg/m³	IDLH: 15 mg/m ³ Cr(VI)
7789-06-2	inhalable particulate matter	Ceiling: 0.1 mg/m³ CrO3 applies to	TWA: 0.0002 mg/m ³ Cr
	TWA: 0.0002 mg/m ³ Cr(VI)	any operations or sectors for which	
	inhalable particulate matter	the Hexavalent Chromium standard	
	S*	[29 CFR 1910.1026] is stayed or is	
		otherwise not in effect	
NATURAL WOLLASTONITE	TWA: 1 mg/m³ inhalable particulate	N/A	
13983-17-0	matter, particulate matter containing		
	no asbestos and <1% crystalline		
	silica		
ACETONE	STEL: 500 ppm	TWA: 1000 ppm	IDLH: 2500 ppm
67-64-1	TWA: 250 ppm	TWA: 2400 mg/m ³	TWA: 250 ppm
			TWA: 590 mg/m ³
TITANIUM DIOXIDE	TWA: 10 mg/m ³	TWA: 15 mg/m³ total dust	IDLH: 5000 mg/m ³
13463-67-7			TWA: 2.4 mg/m ³ CIB 63 fine
			TWA: 0.3 mg/m³ CIB 63 ultrafine,
			including engineered nanoscale
TALC	TWA: 2 mg/m³ particulate matter	TWA: 20 mppcf if 1% Quartz or	IDLH: 1000 mg/m ³
14807-96-6	containing no asbestos and <1%	more;use Quartz limit	TWA: 2 mg/m³ containing no
	crystalline silica, respirable		Asbestos and <1% Quartz
	particulate matter		respirable dust
XYLENE(PURE)	STEL: 150 ppm	TWA: 100 ppm	
1330-20-7	TWA: 100 ppm	TWA: 435 mg/m ³	
ETHYLBENZENE	TWA: 20 ppm	TWA: 100 ppm	IDLH: 800 ppm
100-41-4		TWA: 435 mg/m ³	TWA: 100 ppm
			TWA: 435 mg/m ³
			STEL: 125 ppm
			STEL: 545 mg/m ³

NIOSH IDLH: Immediately Dangerous to Life or Health

Exposure controls

Engineering Measures Showers

Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Use personal protective equipment as required.

Skin and Body Protection Chemical resistant apron.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

Hygiene Measures Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work

area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid Appearance Opaque

Odor Solvent. Odor Threshold No data available Plash Point -4 °F / -20 °C Decomposition temperature No data available Boiling Point | 133 °F / 56 °C Melting Point / Melting Range No data available Freezing Point No data available

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Vapor Pressure @20°C (kPa)No data availablePartition coefficient:No data availableVapor DensityNo data availableDensityNo data available

Bulk density No data available Specific Gravity 1.44

Evaporation Rate No data available Water solubility No data available

Dynamic viscosity

No data available

Weight per Gallon (lbs/gal): 11.96

EPA VOC (lb/gal) 3

Flammability Limits in Air

Upper 0.18 % **Lower** 0.03 %

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information The product has not been tested

Inhalation There is no data for this product.

Eye Contact There is no data for this product.

Skin Contact There is no data for this product.

Ingestion There is no data for this product.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
METHYL AMYL KETONE 110-43-0	= 1600 mg/kg (Rat)	= 12.6 mL/kg (Rabbit)	2000 - 4000 ppm (Rat) 6 h
BARIUM SULFATE 7727-43-7	= 307000 mg/kg (Rat)	N/A	N/A
STRONTIUM CHROMATE 7789-06-2	= 811 mg/kg (Rat)	N/A	N/A
ACETONE 67-64-1	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
TITANIUM DIOXIDE 13463-67-7	> 10000 mg/kg (Rat)	N/A	N/A
XYLENE(PURE) 1330-20-7	= 3500 mg/kg (Rat)	> 4350 mg/kg (Rabbit)	= 29.08 mg/L (Rat) 4 h
ETHYLBENZENE 100-41-4	= 3500 mg/kg (Rat)	= 15400 mg/kg (Rabbit)	= 17.4 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

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MUTAGENIC EFFECTS

Carcinogenicity This product contains one or more substances which are classified by IARC as

carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly

carcinogenic to humans (Group 2B).

No information available.

Chemical Name	ACGIH	IARC	NTP	OSHA
STRONTIUM CHROMATE 7789-06-2	A1	Group 1	Known	Х
NATURAL WOLLASTONITE 13983-17-0	N/A	Group 3	N/A	N/A
TITANIUM DIOXIDE 13463-67-7	N/A	Group 2B	N/A	Х
TALC 14807-96-6	N/A	Group 2B Group 3	N/A	X
XYLENE(PURE) 1330-20-7	N/A	Group 3	N/A	N/A
SYNTHETIC AMORPHOUS SILICA (PRECIPITATED) 112926-00-8	N/A	Group 3	N/A	N/A
ETHYLBENZENE 100-41-4	А3	Group 2B	N/A	Х

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

A2 - Suspected Human Carcinogen

A3 - Animal Carcinogen

A1 - Known Human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive Toxicity Specific target organ systemic toxicity (single exposure) Specific target organ systemic No information available. No information available.

No information available.

toxicity (repeated exposure) **Chronic Toxicity**

Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure. May cause adverse effects on the bone marrow and blood-forming system. May

cause adverse liver effects.

Target Organ Effects

Blood, Central nervous system (CNS), Central Vascular System (CVS), Eyes, Kidney, Liver,

Lungs, Peripheral Nervous System (PNS), Respiratory system, Skin.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

805 mg/kg ATEmix (oral) ATEmix (dermal) 14964 mg/kg ATEmix (inhalation-dust/mist) 2.9 mg/l

1844 mg/kg (rat) Estimated Oral LD50 **Dermal LD50** 22727 mg/kg (rat) Estimated

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia and other
			aquatic invertebrates
METHYL AMYL KETONE	N/A	126 - 137: 96 h Pimephales	N/A
110-43-0		promelas mg/L LC50 flow-through	
ACETONE	N/A	4.74 - 6.33: 96 h Oncorhynchus	10294 - 17704: 48 h Daphnia

	_	T	
67-64-1		mykiss mL/L LC50 6210 - 8120: 96	magna mg/L EC50 Static 12600 -
		h Pimephales promelas mg/L LC50	
		static 8300: 96 h Lepomis	EC50
		macrochirus mg/L LC50	
TALC	N/A	100: 96 h Brachydanio rerio g/L	N/A
14807-96-6		LC50 semi-static	
XYLENE(PURE)	N/A	13.1 - 16.5: 96 h Lepomis	0.6: 48 h Gammarus lacustris mg/L
1330-20-7		macrochirus mg/L LC50	LC50 3.82: 48 h water flea mg/L
		flow-through 13.5 - 17.3: 96 h	EC50
		Oncorhynchus mykiss mg/L LC50	
		2.661 - 4.093: 96 h Oncorhynchus	
		mykiss mg/L LC50 static 23.53 -	
		29.97: 96 h Pimephales promelas	
		mg/L LC50 static 30.26 - 40.75: 96	
		h Poecilia reticulata mg/L LC50	
		static 7.711 - 9.591: 96 h Lepomis	
		macrochirus mg/L LC50 static 13.4:	
		96 h Pimephales promelas mg/L	
		LC50 flow-through 19: 96 h Lepomis	
		macrochirus mg/L LC50 780: 96 h	
		Cyprinus carpio mg/L LC50	
		semi-static 780: 96 h Cyprinus	
		carpio mg/L LC50	
ETHYLBENZENE	1.7 - 7.6: 96 h Pseudokirchneriella	11.0 - 18.0: 96 h Oncorhynchus	1.8 - 2.4: 48 h Daphnia magna mg/L
100-41-4	subcapitata mg/L EC50 static 2.6 -	mykiss mg/L LC50 static 7.55 - 11:	EC50
	11.3: 72 h Pseudokirchneriella	96 h Pimephales promelas mg/L	
	subcapitata mg/L EC50 static 4.6:	LC50 flow-through 9.1 - 15.6: 96 h	
	72 h Pseudokirchneriella	Pimephales promelas mg/L LC50	
	subcapitata mg/L EC50 438: 96 h	static 32: 96 h Lepomis macrochirus	
	Pseudokirchneriella subcapitata	mg/L LC50 static 4.2: 96 h	
	mg/L EC50	Oncorhynchus mykiss mg/L LC50	
		semi-static 9.6: 96 h Poecilia	
		reticulata mg/L LC50 static	

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Persistence and degradability No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
METHYL AMYL KETONE	1.98
110-43-0	
ACETONE	-0.24
67-64-1	
XYLENE(PURE)	3.15
1330-20-7	
ETHYLBENZENE	3.2
100-41-4	

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR Waste treatment methods

261).

US EPA Waste Number D001

Chemical Name	RCRA - Basis for Listing	RCRA - D Series Wastes
ACETONE 67-64-1	Included in waste stream: F039	N/A
XYLENE(PURE) 1330-20-7	Included in waste stream: F039	N/A

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ETHYLBENZENE Included in waste stream: F039 N/A 100-41-4

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This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status	
STRONTIUM CHROMATE	Toxic	
7789-06-2	Corrosive	
	Ignitable	
ACETONE	Ignitable	
67-64-1	-	
XYLENE(PURE)	Toxic	
1330-20-7	Ignitable	
ETHYLBENZENE	Toxic	
100-41-4	Ignitable	

14. TRANSPORT INFORMATION

<u>DOT</u>

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Special Provisions 149, B52, IB2, T4, TP1, TP8, TP28
Description UN1263, Paint, Marine Pollutant, 3, II, RQ

Emergency Response Guide 128

Number

TDG

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Description UN1263, Paint, Marine Pollutant, 3, II

MEX

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Description UN1263, Paint, 3, II

ICAO

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Special Provisions A3, A72

Description UN1263, Paint, 3, II

<u>IATA</u>

UN-No UN1263
Hazard class 3
Packing Group II
ERG Code 3L

Special Provisions A3, A72, A192

IMDG/IMO

UN-No UN1263 Hazard class 3

Packing Group

EmS-No F-E, S-E Special Provisions 163, 367

RID

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1

Description UN1263, Paint, Environmentally Hazardous, 3, II

ADR/RID

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1
Tunnel restriction code (D/E)

Special Provisions 163, 640C, 650, 367

Description UN1263, Paint, Environmentally Hazardous, 3, II, (D/E)

ADR/RID-Labels 3

<u>ADN</u>

Proper shipping name Paint Hazard class 3
Packing Group II
Classification Code F1

Special Provisions 163, 640C, 650

Description UN1263, Paint, Environmentally Hazardous, 3, II

Hazard Labels3Limited Quantity (LQ)5 LVentilationVE01

15. REGULATORY INFORMATION

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International Inventories

TSCA Complies **DSL/NDSL** Complies **EINECS/ELINCS** Complies **ENCS** Complies **IECSC** Complies **KECL** Complies Complies **PICCS** Complies **AICS**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances **IECSC** - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

<u>SARA 313</u>

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	SARA 313 - Threshold Values %
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STRONTIUM CHROMATE	7789-06-2	0.1
XYLENE(PURE)	1330-20-7	1.0
ETHYLBENZENE	100-41-4	0.1

SARA 311/312 Hazard Categories

Acute Health HazardYesChronic Health HazardYesFire HazardYesSudden Release of Pressure HazardNoReactive HazardNo

CAA (Clean Air Act)

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants This product contains the following HAPs:

Chemical Name	CAS No	Hazardous air pollutants (HAPs) content
STRONTIUM CHROMAT	E 7789-06-2	Present
XYLENE(PURE)	1330-20-7	Present
ETHYLBENZENE	100-41-4	Present

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
STRONTIUM CHROMATE	10 lb	X	N/A	X
XYLENE(PURE)	100 lb	N/A	N/A	X
ETHYLBENZENE	1000 lb	X	X	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ (reportable quantity)
STRONTIUM CHROMATE	10 lb	N/A	RQ 10 lb final RQ RQ 4.54 kg final RQ
ACETONE	5000 lb	N/A	RQ 5000 lb final RQ RQ 2270 kg final RQ
XYLENE(PURE)	100 lb	N/A	RQ 100 lb final RQ RQ 45.4 kg final RQ
ETHYLBENZENE	1000 lb	N/A	RQ 1000 lb final RQ RQ 454 kg final RQ

State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	CAS No	California Proposition 65
STRONTIUM CHROMATE	7789-06-2	Carcinogen
		Developmental
		Female Reproductive
		Male Reproductive
TITANIUM DIOXIDE	13463-67-7	Carcinogen
ETHYLBENZENE	100-41-4	Carcinogen

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
METHYL AMYL KETONE	Χ	X	X	N/A	N/A
BARIUM SULFATE	Χ	X	X	N/A	N/A

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STRONTIUM CHROMATE	Χ	X	X	Χ	N/A
ACETONE	X	Х	Х	N/A	N/A
TITANIUM DIOXIDE	Χ	Х	X	N/A	X
TALC	Χ	Х	Χ	Χ	N/A
XYLENE(PURE)	X	Х	X	Χ	N/A
SYNTHETIC AMORPHOUS	X	X	X	N/A	N/A
SILICA (PRECIPITATED)					
BUTYL ACETATE	Χ	Χ	X	N/A	N/A
ETHYLBENZENE	X	X	X	X	N/A

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International Regulations

Mexico - Grade

Serious risk, Grade 3

Chemical Name	Carcinogenic Status	Exposure Limits
METHYL AMYL KETONE	N/A	Mexico: TWA 50 ppm
BARIUM SULFATE	N/A	Mexico: TWA 10 mg/m ³
STRONTIUM CHROMATE	A1	Mexico: TWA 0.005 mg/m3 Mexico: TWA
	A2	0.05 mg/m³ Mexico: TWA 0.01 mg/m³
ACETONE	N/A	Mexico: TWA 500 ppm
		Mexico: STEL 750 ppm
TITANIUM DIOXIDE	N/A	Mexico: TWA 10 mg/m ³
TALC	N/A	Mexico: TWA 2 mg/m ³
		Mexico: STEL 2 mg/m ³
XYLENE(PURE)	N/A	Mexico: TWA 100 ppm
		Mexico: STEL 150 ppm
ETHYLBENZENE	A3	Mexico: TWA 20 ppm

16. OTHER INFORMATION

NFPA Health Hazard 2 Flammability 3 Instability 0 Physical and Chemical Hazards -



HMIS Health Hazard 2 * Flammability 3 Physical Hazard 1 Personal protection X

Chronic Hazard Star Legend * Chronic Health Hazard

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Revision Note

No information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



SAFETY DATA SHEET

Issuing Date: 10-Jun-2021 Revision Date: 14-Jun-2021 Print Date: 14-Jun-2021

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: AR I750 Epoxy Primer B

PPI Tech 2700 W Cumberland St Bld 5 Lebanon, Pa 17042 Office: 717-814-7604 www.ppitechinc.com orders@polyproindustry.com

professional users

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Specific target organ toxicity (single exposure)	Category 3
Flammable Liquids	Category 2

Label Elements

Emergency Overview

DANGER

Hazard Statements

Causes serious eye irritation May cause an allergic skin reaction May cause drowsiness or dizziness Highly flammable liquid and vapor





Appearance Opaque Physical state Liquid Odor Solvent

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed out of the workplace

Use only outdoors or in a well-ventilated area

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/Bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

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Wear protective gloves/protective clothing/eye protection/face protection Keep cool

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

If skin irritation or rash occurs: Get medical advice/attention

Wash contaminated clothing before reuse

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Call a POISON CENTER or doctor/physician if you feel unwell In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed Store in accordance with local regulations

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Other information

- · May be harmful if swallowed
- · Harmful to aquatic life with long lasting effects
- · Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

There are no known carcinogenic chemicals in this product

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Chemical Name	CAS No	Weight-%	ACGIH	OSHA
ACETONE	67-64-1	70% - 80%	STEL: 500 ppm	TWA: 1000 ppm
			TWA: 250 ppm	TWA: 2400 mg/m ³
BENZYL ALCOHOL	100-51-6	1% - 5%	N/A	N/A
TRIETHYLENETETRAMINE(TETA)	112-24-3	0% - 1%	N/A	N/A

4. FIRST AID MEASURES

First Aid Measures

General advice Show this safety data sheet to the doctor in attendance. If symptoms persist, call a

physician.

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

symptoms persist, call a physician. Immediately flush eyes with water for at least 15 minutes. Get medical attention. If easy to do, remove contact lenses. Keep eye wide open

while rinsing.

Skin Contact Immediate medical attention is not required. Wash off immediately with soap and plenty of

water while removing all contaminated clothes and shoes. If skin irritation persists, call a

physician.

Inhalation Remove to fresh air. If symptoms persist, call a physician. Immediate medical attention is

not required. Move to fresh air in case of accidental inhalation of vapors.

Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT

induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give

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anything by mouth to an unconscious person. Consult a physician if necessary.

Self-protection of the first aider Remove all sources of ignition. Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and

Effects

No information available.

Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media No information available.

Specific hazards arising from the chemical

Extremely flammable.

Explosion Data

Sensitivity to Mechanical Impact no data available.

Sensitivity to Static Discharge Yes.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Remove all sources of ignition. Evacuate personnel to safe areas. Ensure adequate

ventilation. Use personal protective equipment as required. Keep people away from and

upwind of spill/leak. Avoid breathing vapors or mists. Ventilate the area.

Environmental Precautions

Environmental Precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do

not flush into surface water or sanitary sewer system. Vapors are heavier than air, spread

along floors and form explosive mixtures with air.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Pick up and transfer to properly labeled containers. Dam up. Soak up with inert absorbent

material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Soak up with inert

absorbent material.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Keep away from open flames, hot surfaces and sources of

ignition. Take precautionary measures against static discharges. Use explosion-proof electrical (ventilation and lighting) equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use with local exhaust

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ventilation. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe vapor or mist. To dissipate static electricity during transfer, ground drum and

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connect to receiving container with bonding strap. Use only non-sparking tools.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep tightly closed in a dry and cool place. Keep in properly labeled containers. Keep

containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks and

flame.

None known based on information supplied. Incompatible Products

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name ACGIH OSHA **NIOSH IDLH ACETONE** STEL: 500 ppm TWA: 1000 ppm IDLH: 2500 ppm 67-64-1 TWA: 250 ppm TWA: 2400 mg/m³ TWA: 250 ppm TWA: 590 mg/m³

NIOSH IDLH: Immediately Dangerous to Life or Health

Exposure controls

Engineering Measures Showers

> Eyewash stations Ventilation systems.

Individual protection measures, such as personal protective equipment

Use personal protective equipment as required. **Eye/Face Protection**

Chemical resistant apron. **Skin and Body Protection**

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved

respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be

provided in accordance with current local regulations.

Do not eat, drink or smoke when using this product. Regular cleaning of equipment, work **Hygiene Measures**

area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid **Appearance** Opaque Odor Solvent. **Odor Threshold** No data available **Flash Point** -4 °F / -20 °C Ha No data available No data available **Boiling Point** 133 °F / 56 °C **Decomposition temperature** Melting Point / Melting Range No data available Freezing Point No data available Vapor Pressure @20°C (kPa) No data available Partition coefficient: No data available **Vapor Density** No data available Density No data available **Bulk density Specific Gravity** No data available 0.84 **Evaporation Rate** No data available Water solubility No data available

No data available Weight per Gallon (lbs/gal): Dynamic viscosity 7.04 EPA VOC (lb/gal) 1

Flammability Limits in Air

Upper 0 % Lower 0 %

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10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information The product has not been tested

Inhalation There is no data for this product.

Eye Contact There is no data for this product.

Skin Contact There is no data for this product.

Ingestion There is no data for this product.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
ACETONE	= 5800 mg/kg (Rat)	> 15700 mg/kg (Rabbit)	= 50100 mg/m ³ (Rat) 8 h
67-64-1			
BENZYL ALCOHOL	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
100-51-6	,	,	- , ,
TRIETHYLENETETRAMINE(TETA)	= 2500 mg/kg (Rat)	= 550 mg/kg (Rabbit)	N/A
112-24-3	,		

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization
MUTAGENIC EFFECTS
Carcinogenicity
Legend:
Reproductive Toxicity
No information available.
No information available.
No information available.
No information available.

Reproductive Toxicity Specific target organ systemic toxicity (single exposure)

No information available.

Specific target organ systemic toxicity (repeated exposure)

No information available.

Chronic Toxicity

Avoid repeated exposure.

Target Organ Effects Central nervous system (CNS), Eyes, Respiratory system, Skin.

Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 4988 mg/kg
ATEmix (dermal) 11992 mg/kg
ATEmix (inhalation-dust/mist) 31.9 mg/l

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Oral LD50 6506 mg/kg (rat) Estimated
Dermal LD50 12739 mg/kg (rat) Estimated

12. ECOLOGICAL INFORMATION

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Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to daphnia and other aquatic invertebrates
ACETONE 67-64-1	N/A	4.74 - 6.33: 96 h Oncorhynchus mykiss mL/L LC50 6210 - 8120: 96 h Pimephales promelas mg/L LC50 static 8300: 96 h Lepomis macrochirus mg/L LC50	10294 - 17704: 48 h Daphnia magna mg/L EC50 Static 12600 - 12700: 48 h Daphnia magna mg/L EC50
BENZYL ALCOHOL 100-51-6	N/A	10: 96 h Lepomis macrochirus mg/L LC50 static 460: 96 h Pimephales promelas mg/L LC50 static	23: 48 h water flea mg/L EC50
TRIETHYLENETETRAMINE(TETA) 112-24-3	2.5: 72 h Desmodesmus subspicatus mg/L EC50 20: 72 h Pseudokirchneriella subcapitata mg/L EC50 3.7: 96 h Pseudokirchneriella subcapitata mg/L EC50	495: 96 h Pimephales promelas mg/L LC50 570: 96 h Poecilia reticulata mg/L LC50 semi-static	31.1: 48 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
ACETONE	-0.24
67-64-1	
BENZYL ALCOHOL	1.1
100-51-6	
TRIETHYLENETETRAMINE(TETA)	-1.4
112-24-3	

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste treatment methods This material, as supplied, is a hazardous waste according to federal regulations (40 CFR

261).

US EPA Waste Number D001

Chemical Name	RCRA - Basis for Listing	RCRA - D Series Wastes
ACETONE	Included in waste stream: F039	N/A
67-64-1		

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status	
ACETONE	Ignitable	
67-64-1	-	

14. TRANSPORT INFORMATION

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UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Special Provisions 149, B52, IB2, T4, TP1, TP8, TP28

Description UN1263, Paint, 3, II, RQ

Emergency Response Guide 12

Number

TDG

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Description UN1263, Paint, 3, II

MEX

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II

Description UN1263, Paint, 3, II

<u>ICAO</u>

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Special Provisions A3, A72

Description UN1263, Paint, 3, II

IATA

 UN-No
 UN1263

 Hazard class
 3

 Packing Group
 II

 ERG Code
 3L

Special Provisions A3, A72, A192

IMDG/IMO

UN-No UN1263
Hazard class 3
Packing Group II
EmS-No F-E, S-E
Special Provisions 163, 367

<u>RID</u>

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1

Description UN1263, Paint, 3, II

ADR/RID

UN-No UN1263
Proper shipping name Paint
Hazard class 3
Packing Group II
Classification Code F1
Tunnel restriction code (D/E)

Special Provisions 163, 640C, 650, 367

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UN1263, Paint, 3, II, (D/E) Description

ADR/RID-Labels

ADN

Proper shipping name Paint Hazard class **Packing Group** Ш **Classification Code** F1

163, 640C, 650 **Special Provisions** Description UN1263, Paint, 3, II

Hazard Labels 3 Limited Quantity (LQ) 5 L VE01 Ventilation

15. REGULATORY INFORMATION

International Inventories

TSCA Complies Complies **DSL/NDSL EINECS/ELINCS** Complies Complies **ENCS** Complies **IECSC** Complies **KECL PICCS** Complies **AICS** Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard Yes **Chronic Health Hazard** No **Fire Hazard** Yes Sudden Release of Pressure Hazard No **Reactive Hazard** No

CAA (Clean Air Act)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive

AR I750 Epoxy Primer B

Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ (reportable quantity)
ACETONE	5000 lb	N/A	RQ 5000 lb final RQ RQ 2270 kg final RQ

State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Χ	Χ	X	N/A	N/A
Х	X	Х	N/A	N/A
	X X	Massachusetts New Jersey X X X X	Massachusetts New Jersey Pennsylvania X X X X X X	X X X N/A

International Regulations

Mexico - Grade

Serious risk, Grade 3

Chemical Name	Carcinogenic Status	Exposure Limits
ACETONE	N/A	Mexico: TWA 500 ppm
		Mexico: STEL 750 ppm

16. OTHER INFORMATION

Health Hazard 2 NFPA

Flammability 3

Instability 0

Physical and Chemical Hazards -

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NFPA Rating



Physical Hazard 0 Personal protection X HMIS Health Hazard 1 * Flammability 3

Chronic Hazard Star Legend

* Chronic Health Hazard

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No information available

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