



SAFETY DATA SHEET

ADVANCED REFINISH COMPONENTS

SECTION I - IDENTIFICATION

PRODUCT NUMBER: **39714, 39715**
 PRODUCT NAME: **Flame Red Basecoat**
 DATE PREPARED: 12/6/2022
 REVISION DATE: 12/6/2022 Version #: 1

COMPANY: Autokote Systems, LLC
 ADDRESS: 121 Business Circle
 CITY: Thomasville, GA 31792
 PHONE: 800-801-5913
 EMERGENCY PHONE: CHEMTREC: 1-800-424-9300

Mailing Address
 P.O. Box 3246
 Thomasville, GA 31799

SECTION II - HAZARDOUS IDENTIFICATION

CLASSIFICATION:	
Flammable Liquids	Category 3
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2B
Acute Toxicity, Inhalation	Category 4
Specific target organ toxicity, single exposure, R	Category 3
Germ Cell Mutagenicity	Category 2
Carcinogenicity	Category 1A, 1B
Reproductive Toxicity	Category 2
Specific target organ toxicity, repeated exposure	Category 2

SIGNAL WORD: **DANGER!**

PICTOGRAMS:



HAZARD STATEMENTS:

- H226 Flammable liquid and vapor
- H315 Causes skin irritation
- H320 Causes eye irritation
- H332 Harmful if inhaled
- H335 May cause respiratory irritation
- H341 Suspected of causing genetic defects
- H350 May cause cancer
- H361 Suspected of damaging fertility or the unborn child
- H373 Causes damage to organs through prolonged or repeated exposure

PRECAUTIONARY STATEMENTS:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat/sparks/open flames/hot surface - No smoking.
- P233 Keep container tightly closed.
- P240 Ground/bond container and receiving equipment.
- P241 Use explosion-proof electrical/ventilating/light/equipment, etc.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash hands thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P281 Use personal protective equipment as required.
- P302+352 IF ON SKIN: Wash with soap and water.
- P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing.

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P308+313 IF exposed or concerned: get medical advice/attention.
P312 Call a POISON CENTER or a doctor/physician if you feel unwell.
P314 Get medical advice/attention if you feel unwell.
P332+313 If skin irritation occurs: get medical advice/attention.
P337+313 If eye irritation persists get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P370+378 In case of fire: Use dry sand, dry chemical, or alcohol-resistant foam for extinction.
P403+233 Store in a well ventilated place. Keep container tightly closed.
P403+235 Store in a well ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to an approved waste disposal plant.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

MATERIAL:	CAS #:	WEIGHT %:
Lead Chromate Molybdate Orange	12656-85-8	<1
Ethylene Glycol Monobutyl Ether Acetate	112-07-2	<1
Iso Butanol	78-83-1	<1
Isopropyl Alcohol 99%	67-63-0	1-5
Hexone	108-10-1	<1
Stoddard Solvent	8052-41-3	<1
Butyl Acetate	123-86-4	25-30
Propylene Glycol Methyl Ether Acetate	108-65-6	1-5
Light Aromatic Solvent Naphtha	64742-95-6	<1
Dimethylbenzene	1330-20-7	30-35

SEE SECTIONS VIII, XI, XII FOR TOXICOLOGICAL INFORMATION.

SECTION IV - FIRST AID MEASURES

CONTACT WITH EYES: Flush IMMEDIATELY with copious amounts of running water for at least 15 minutes. Take to physician for definitive medical treatment.

SKIN CONTACT: Wash exposed areas with water and mild soap. Remove contaminated clothing immediately and launder before reuse. If irritations persist, consult a physician.

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

INGESTION: If swallowed. Do not induce vomiting. Seek immediate medical attention.

SECTION V - FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water fog, foam, dry chemical, or carbon dioxide extinguisher.

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

UNUSUAL FIRE FIGHTING HAZARDS: Vapor accumulation will flash and/or explode, if ignited. Containers may burst explosively if overheated in fire. Cool with water spray or fog. Empty containers also present fire explosion hazard due to residual vapors. Keep containers tightly closed. During emergency situations, over-exposure to decomposition products may cause a health hazard with no symptoms immediately apparent. Obtain medical attention.

SECTION VI - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Keep all sources of ignition and hot metal surfaces away from spill or release.

ENVIRONMENTAL PRECAUTIONS: Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Notify proper authorities if spill is in excess of the reportable quantity.

METHODS FOR CLEANING UP: Using only non-sparking tools and explosion proof equipment, collect spill on absorbent material and put into approved container. Call Chemtrec at 1-800-424-9300 (CCN16851) for additional information.

SECTION VII - HANDLING AND STORAGE

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HANDLING AND STORAGE: "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources. Keep containers tightly closed when not in use. Store out of direct sunlight and in a cool, well-ventilated area.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

MATERIAL:	CAS #:	OSHA PEL:	ACGIH TLV:
Lead Chromate Molybdate Orange	12656-85-8	0.005 mg/m3	0.012 mg/m3
Ethylene Glycol Monobutyl Ether Acetate	112-07-2	Not Established	20 ppm
Iso Butanol	78-83-1	100 ppm	50 ppm
Isopropyl Alcohol 99%	67-63-0	400ppm	200ppm (TWA)
Hexone	108-10-1	50 ppm	20 ppm
Stoddard Solvent	8052-41-3	500 ppm	100 ppm
Butyl Acetate	123-86-4	150 ppm	150 ppm
Propylene Glycol Methyl Ether Acetate	108-65-6	Not Established	Not Established
Light Aromatic Solvent Naphtha	64742-95-6	100 ppm	25 ppm
Dimethylbenzene	1330-20-7	100ppm	100ppm

ENGINEERING CONTROLS: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

MONITORING: Follow accepted work practices for handling a flammable material.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE PROTECTION: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

SKIN PROTECTION: Impervious solvent resistant gloves. Impervious apron and work boots recommend where splashing may occur.

RESPIRATORY PROTECTION: Use NIOSH/MSHA TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas & vapors or air supplied respirator if necessary in areas where the chemical exposure is unknown or above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Red
ODOR:	Mild
ODOR THRESHOLD:	Not Available
pH@25°C:	Not Applicable
MELTING/FREEZING POINT:	Not Available
FLASHPOINT:	Not Available
SPECIFIC GRAVITY (water=1):	.96
WATER SOLUBILITY:	Negligible
AUTO-IGNITION TEMPERATURE:	Not Available
DECOMPOSITION TEMPERATURE:	Not Available
BOILING RANGE:	256-256°F
EVAPORATION RATE:	Slower than Ether
LOWER FLAMMABLE LIMIT:	1%
UPPER FLAMMABLE LIMIT:	7%
VAPOR PRESSURE:	.65mm Hg@68°F
VAPOR DENSITY (air=1):	>1.0
VISCOSITY:	Not Available
VOC AS PACKAGED:	6.00
VOC REGULATORY:	6.02

SECTION X - STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions of storage and handling.

CONDITIONS TO AVOID: Heat, open flames, ignition sources, electrical or static discharge.

HAZARDOUS DECOMPOSITION/BYPRODUCTS: CO2 and possibly CO and carbon smoke.

HAZARDOUS POLYMERIZATION: Will not occur.

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POLYMERIZATION CONDITIONS TO AVOID: None.

INCOMPATIBILITIES: None known.

SECTION XI - TOXICOLOGICAL INFORMATION

LIKELY ROUTE OF EXPOSURE: Inhalation, eye contact, skin contact, ingestion.

INHALATION: Anesthetic. Irritation of respiratory tract or acute nervous system depression. Overexposure may result in headaches and nausea possibly followed by loss of consciousness.

EYE CONTACT: High vapor concentrations are irritating to the eyes.

SKIN CONTACT: Liquids can be absorbed through the skin resulting in symptoms similar to the inhalation effects above.

INGESTION: Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis, which can be fatal.

TOXICITY:

MATERIAL:	LD50:	LC50:
Lead Chromate Molybdate Orange	Oral: >2,000 mg/kg (rat)	Not established
Ethylene Glycol Monobutyl Ether Acetate	Dermal: 1,500 mg/kg (rabbit) Oral: 2,400 mg/kg (rat)	Not Established
Iso Butanol	Dermal: 3,400 mg/kg (rabbit) Oral: 2,460 mg/kg (rat)	Inhalation: 4 h 8,000 ppm (rat)
Isopropyl Alcohol 99%	Dermal: 16,400 mg/kg (rabbit) Oral: 5,840 mg/kg (rat)	Inhalation: 8 h 1,600 ppm (rat)
Hexone	Dermal: >16,000 mg/kg (rabbit) Oral: 2,080 mg/kg (rat)	Inhalation: 4,000 ppm (rat)
Stoddard Solvent	Not Established	Not Established
Butyl Acetate	Oral: 7,100 mg/kg (mouse)	Inhalation: 2,000 ppm (rat)
Propylene Glycol Methyl Ether Acetate	Dermal: >5,000 mg/kg (rabbit) Oral: 8,532 mg/kg (rat)	Not Established
Light Aromatic Solvent Naphtha	Not Established	Not Established
Dimethylbenzene	Dermal: 4,500 mg/kg (rabbit) Oral: 2,840 mg/kg (rat)	Inhalation: 4 h 6,350 mg/l (rat)

SECTION XII - ECOLOGICAL INFORMATION

ECOTOXICITY: This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section XI (Toxicological Information) for further data on the effects of this product's components on test animals.

MOBILITY: This material is a mobile liquid.

DEGRADABILITY: This product is completely biodegradable.

BIOACCUMULATION: This product does not accumulate or biomagnify in the environment.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

Do not discharge into drains, surface water, or groundwater. Empty containers can retain product residue and vapor. Observe all precautions even when containers are empty. The use and processing of this product, or addition of other constituents, may cause it to be considered a hazardous waste. It is the waste generators responsibility to determine if a particular waste is hazardous under RCRA. Dispose of or incinerate in accordance with all applicable local, state, and federal regulations at a RCRA licensed facility.

SECTION XIV - TRANSPORT INFORMATION

US GROUND (DOT) SHIPPING INFORMATION:

UN NUMBER: UN1263
PROPER SHIPPING NAME: PAINT
TRANSPORT HAZARD CLASS: 3
PACKAGING GROUP: III

OTHER SHIPPING INFORMATION: With inner packagings containing 5 liters (1.32 gallons) or less, this

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product may be shipped as Limited Quantity. Any containers containing more than 5 liters may be shipped as: UN1263, PAINT, 3, PG III.

SECTION XV - REGULATORY INFORMATION

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

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

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

COMPONENT NAME:	CAS #:	% BY WT.
Antimony; Barium; Chromium; Lead; Aluminum Oxide	7440-36-0;	<1
Hexone	7440-39-3;	<1
Butyl Acetate	7440-47-3;	25-30
Dimethylbenzene	7439-92-1;	30-35
	1344-28-1	
	108-10-1	
	123-86-4	
	1330-20-7	

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

COMPONENT NAME:	CAS #:	% BY WT.	RQ(LBS.)
Hexone	108-10-1	<1	5000
Butyl Acetate	123-86-4	25-30	5000
Dimethylbenzene	1330-20-7	30-35	100

CALIFORNIA PROPOSITION 65:

WARNING! This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov

SECTION XVI - OTHER INFORMATION

HMIS Health:	2
HMIS Flammability:	3
HMIS Reactivity:	0

Issue Date:	12/6/2022
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Version #:	1

DISCLAIMER: WARNING! KEEP THIS AND ALL PAINT RELATED PRODUCTS OUT OF THE REACH OF CHILDREN! The information contained in this SDS is based on data from sources considered to be reliable but we do not guarantee the accuracy or completeness thereof. We urge each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, or fire prevention as necessary or appropriate to use and understand the data in this SDS.