

SAFETY DATA SHEET

Date issued: 2/25/2022

Version: 8729-221

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: 8729

PRODUCT NAME: Medium
Single Stage 2.8 VOC Acrylic Urethane Activator

Made in U.S.A for: ABI (Autobody Brands International)
A division of IAMG/International Autobody Marketing Group
1505 North Hayden Road, Ste. 111, Scottsdale, AZ 85257, USA
1-87REFINISH www.5starxtreme.com www.advantagerefinish.com

For Hazardous Materials Incidents ONLY (spill, leak, fire, exposure or accident), contact
CHEMTREC (24 hr): 1-800-424-9300 / CHEMTREC INTERNATIONAL: (001) 703-527-3887
ALL other non-emergency inquiries about the product should be directed to IAMG (PHONE): 1-87REFINISH

SECTION 2: HAZARD IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification

FLAMMABLE LIQUIDS:	Category 2
ACUTE TOXICITY Inhalation:	Category 4
SKIN SENSITIZER:	Category 1
EYE IRRITATION:	Category 2A
STOT: SINGLE EXPOSURE:	Category 3

Label Elements



SIGNAL WORD: Danger

Hazard Statements

Highly flammable liquid and vapor.
Harmful if inhaled.
Causes serious eye irritation.
May cause an allergic skin reaction.
May cause respiratory irritation, drowsiness or dizziness.

Prevention

Read all warning statements on all labels for this and any other products to be mixed with it prior to use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, and other tools or equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust, fumes, gas, mist, vapors or spray. Wash skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as required, (see Section 8). Wear protective gloves, protective clothing and eye/face protection. Wear an appropriate, properly fitted fresh air supplied respirator (NIOSH-approved TC19 or equivalent) during and after application, and until all organic solvent vapors and spray mists are exhausted, or any time airborne contaminant levels exceed exposure limits indicated in Section 8.

Response

Call a POISON CENTER, doctor or physician if you feel unwell.

IF ON SKIN (or hair): Take off immediately all contaminated clothing and wash before reuse.

Wash with plenty of water/shower. If skin irritation or rash occurs: Get medical attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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 attention.

FIRE

In case of fire: Use appropriate method to extinguish.

Storage

Store in a cool, well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of unused amounts and empty container with an approved waste disposal facility, in accordance with local, regional and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% by Weight
4-METHYL-2-PENTANONE	108-10-1	25 – 50 %
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE	28182-81-2	25 – 50 %
2-HEPTANONE	110-43-0	10 – 25 %
N-BUTYL ACETATE	123-86-4	1.0 – 2.5 %
LIGHT AROMATIC SOLVENT NAPHTHA	64742-95-6	1.0 – 2.5 %
1,2,4 TRIMETHYLBENZENE	95-63-6	0.1 – 1 %
XYLENE	1330-20-7	0.1 – 1 %

SECTION 4: FIRST AID MEASURES**General**

IF exposed or concerned: Get medical attention. Call a POISON CENTER, doctor or physician if you feel unwell.

Eyes

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do, continue rinsing. Get medical attention promptly.

Skin

IF ON SKIN (or hair): Immediately flush skin with plenty of water. Remove contaminated clothing. Get medical attention promptly.

Wash contaminated clothing separately and clean shoes before reuse.

Inhalation

IF INHALED: Remove from exposure to fresh air. If not breathing or if breathing is irregular, provide artificial respiration or oxygen by trained personnel; rescuers should put on appropriate protective gear. Call a POISON CENTER, doctor or physician.

Ingestion

IF SWALLOWED: Do NOT induce vomiting. Call a POISON CENTER, doctor or physician.

Notes to Physician

Treat symptomatically.

SECTION 5: FIRE FIGHTING MEASURES**Flammable Properties**

Highly flammable liquid

Flash Point

70°F

Flammable Limits

No information available

Autoignition Temperature

No information available

Suitable Extinguishing Media

Alcohol-resistant Foam, Carbon Dioxide, Dry Chemical. Do not use water.

Protective Equipment

Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Protective Actions:

Eliminate all sources of ignition. Evacuate unnecessary personnel. Use water spray to cool containers with caution, avoid spreading burning liquid. Do not allow run-off to enter drains, sewers or waterways.

Unusual Fire and Explosion Hazard

Highly flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors/dust may cause flash fire or explosion.

This material may be ignited by heat, sparks, flame or static electricity. Closed containers may explode when exposed to extreme heat. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose containers to heat, flame, sparks, static electricity, or other sources of ignition.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Eliminate all ignition sources. No smoking, do not use flares. Contact emergency personnel. Evacuate the spill area and keep unprotected personnel away. Do not breathe vapors, use personal protective equipment as required. Do not touch or walk-through spilled material. Prevent additional discharge of material if able to do so safely. Ventilate spill area. Take precautionary measures against static discharge.

Environmental Precautions

Do not allow runoff and contact with soil, drains, sewers and waterways. Contact local authorities for guidance. If product contaminates soil, drains, or waterways, contact appropriate authority in accordance with local, regional, and national regulations.

Method of Cleaning Up

Dispose of spilled material and contaminated absorbent material in accordance with local and national regulations, use a licensed waste disposal contractor, refer to Section 13.

For small spills, absorb with an inert dry material, (sawdust, sand, or other non-combustible material), use non-sparking tools to transfer material to an appropriate, labeled container for disposal.

For large spills, contact local authorities for guidance. Dike spilled material, or otherwise contain material to ensure runoff does not reach a waterway. Use non-sparking tools and explosion-proof equipment. Contact appropriate authority in accordance with local, regional, and national regulations.

SECTION 7: HANDLING AND STORAGE**Precautions for Safe Handling**

Use only in a well-ventilated area, with appropriate personal protective equipment, (see section 8). Do not eat, drink or smoke when handling this material. Wash hands and face before eating, drinking or smoking. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Always open containers slowly to allow any excess pressure to vent. Never use pressure to empty container. Take precautionary measures against static discharge. When transferring, follow proper grounding procedures. Use spark-proof tools and explosion proof equipment. All equipment used must be grounded when handling this product.

This material is part of a multiple component system, read the Safety Data Sheet(s) for all components before mixing, as the mixture will have the hazards of all of its parts. Empty containers retain product residue and can be hazardous. Do not reuse container.

Conditions for Safe Storage, Including Incompatibilities

Store in compliance with local regulations. Store locked up. Keep container closed when not in use. Isolate from heat, flame, sparks, pilot lights, smoking materials and other sources of ignition. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated, explosion proof area. Protect from direct sunlight. KEEP OUT OF REACH OF CHILDREN AND PETS AT ALL TIMES.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Limits**

Ingredient Name	ACGIH TLV	OSHA PEL
4-METHYL-2-PENTANONE (108-10-1)	TWA: 20 ppm	TWA 100 ppm
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE (28182-81-2)	Data not available	Data not available
2-HEPTANONE (110-43-0)	TWA 50 ppm	TWA 100 ppm
N-BUTYL ACETATE (123-86-4)	TWA 150 ppm	TWA 150 ppm
1,2,4 TRIMETHYLBENZENE (95-63-6)	TWA 25 ppm	TWA 25 ppm
LIGHT AROMATIC SOLVENT NAPHTHA (64742-95-6)	Data not available	Data not available
XYLENE (1330-20-7)	TWA 100 ppm	TWA 100 ppm

Engineering Controls

Provide explosion proof exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below exposure limits.

Personal Protective Equipment**Eye/Face**

Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin

Prevent contact with the skin, wear impervious gloves, a chemical suit, long sleeves, rubber boots, and chemical safety goggles plus a face shield.

Respiratory

Wear an appropriate, properly fitted fresh-air supplied respirator, (NIOSH-approved TC-19C or equivalent), during and after application, until all organic vapors and spray mists are exhausted or any time airborne contaminate levels exceed exposure limits. Follow respirator manufacturer's directions and observe OSHA regulations for respirator use (29 cfr 1910.134).

Work Hygienic Practices

Do not eat, drink, or smoke in areas where this material is used. Do not breathe vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling and before eating. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Typical
Odor Threshold:	No information available
pH:	No information available
Boiling Range:	241 - 397°F
Flash Point:	70°F
Evaporation Rate:	No information available
Vapor Pressure:	No information available
Density:	0.897 g/cm ³
% Solubility in Water:	No information available
Auto-Ignition Temperature:	No information available
VOC INFORMATION:	Coating Category: Component
VOC content (as supplied):	Regulatory VOC: 650 grams/liter (5.42 lbs./gallon) Actual VOC: 650 grams/liter (5.42 lbs./gallon)

SECTION 10: STABILITY AND REACTIVITY**Chemical Stability**

Not determined

Hazardous Polymerization

Not determined

Conditions to Avoid

Avoid impact or friction. Avoid contact with water or moisture. Minimize exposure to air. Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke; extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, tools, appliances and any other possible sources of ignition prior to spray application, during use and until all vapors are exhausted from the area.

Hazardous Decomposition Products

During combustion carbon monoxide or carbon dioxide may be formed. Decomposition releases nitrogen oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute effects of this product have not been tested. Available ingredient data is listed below:

Chemical Name	Oral LD 50	Dermal LD50	Inhalation LC50
4-METHYL-2-PENTANONE (108-10-1)	>2080 mg/kg	>2000 mg/kg	16.4 mg/l
HOMOPOLYMER OF HEXAMETHYLENE DIISOCYANATE (28182-81-2)	>2500 mg/kg	>2000 mg/kg	>10 mg/l
2-HEPTANONE (110-43-0)	>1600 mg/kg	>2000 mg/kg	>16.7 mg/l
N-BUTYL ACETATE (123-86-4)	14130 mg/kg	>5000 mg/kg	>20 mg/l
LIGHT AROMATIC SOLVENT NAPHTHA (64742-95-6)	3492 mg/kg	>3160 mg/kg	>20 mg/l
ACUTE TOXICITY:		HARMFUL IN CONTACT WITH SKIN	HARMFUL IF INHALED

SKIN SENSITIZER: May cause an allergic reaction.

EYE IRRITATION: Causes serious eye irritation.

SPECIFIC TARGET ORGAN, SINGLE EXPOSURE: May cause respiratory irritation, drowsiness or dizziness.

CARCINOGENICITY: IARC Group 2B Possibly carcinogenic to humans.

4-METHYL-2-PENTANONE (108-10-1)

SECTION 12: ECOLOGICAL INFORMATION

No data available.

SECTION 13: DISPOSAL CONSIDERATIONS**Recommendations:**

Avoid the generation of waste. Dispose of unused amounts and empty container with an approved waste disposal facility, in accordance with all local, regional and national regulations. Avoid dispersal of spilled material, runoff and contact with soil, waterways, drains and sewers. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, ensure conformity to all applicable hazardous waste regulations, and consult your local or regional authorities.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: UN1263
 PROPER SHIPPING NAME: PAINT
 TRANSPORT HAZARD CLASS: 3
 PACKING GROUP: II

SPECIAL PRECAUTIONS:

The listed transportation information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the shipper and the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Local Government regulations and rules should prevail.

SECTION 15: REGULATORY INFORMATION**Toxic Substance Control Act (TSCA):**

All components of this product are listed or are exempt from Listing on the TSCA Inventory.

OSHA Hazard Communication Standard 29 CFR 1910.1200

A component(s) of this product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SARA Section 311/312 Hazard Category - 40 CFR 370.2

This product is considered, under applicable definitions, to meet the following categories:


Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SARA 313 Components - 40 CFR 372.65

This product contains the following substances subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372:

Chemical Name	CAS Number
4-METHYL-2-PENTANONE	108-10-1
1,2,4 TRIMETHYLBENZENE	95-63-6
1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0
XYLENE	1330-20-7
CUMENE	98-82-8
ETHYLBENZENE	100-41-4

STATE REGULATIONS:**California Proposition 65:**

 **WARNING: Cancer** – www.P65Warnings.ca.gov

Chemical Name	CAS Number
4-METHYL-2-PENTANONE	108-10-1
CUMENE	98-82-8
ETHYLBENZENE	100-41-4

New Jersey, Pennsylvania, Massachusetts

Chemical Name	CAS Number
1,2,4 TRIMETHYLBENZENE	95-63-6
1,6-HEXAMETHYLENE DIISOCYANATE	822-06-0
2-HEPTANONE	110-43-0
4-METHYL-2-PENTANONE	108-10-1
CUMENE	98-82-8
ETHYLBENZENE	100-41-4
LIGHT AROMATIC SOLVENT NAPHTHA	64742-95-6
N-BUTYL ACETATE	123-86-4
XYLENE	1330-20-7

SECTION 16: OTHER INFORMATION

HMIS RATING	
Health:	2
Flammability:	3
Personal Hazard:	1
Personal Protection:	X

DISCLAIMER: The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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