

Section 1 - Product and Company Identification

- Product identifier
- Trade name: **Urethane Accelerator | Super-Fast**
- Article number: **HB6346, HB6582, HB6347**
- Details of the supplier of the safety data sheet

Manufacturer/Supplier:
BHG Import Exports Inc.
 715 N Central Ave. Suite 213
 Glendale CA 91203 United States

Information department: Product safety department
 Emergency telephone number:
 FOR USA AND CANADA: 1-800 424- 9300
 OUTSIDE USA AND CANADA: +1 703 -527- 3887
 CHEMTREC# 628320

Section 2 - Hazards Identification

Classification of the substance or mixture

GHS Ratings:

Flammable liquid	3	Flash point $\geq 23^{\circ}\text{C}$ and $\leq 60^{\circ}\text{C}$ (140°F)
Oral Toxicity	Acute Tox. 3	Oral $>50+\leq 300\text{mg/kg}$
Mutagen	2	Suspected/Possible: May include heritable mutations in human germ cells, Positive evidence from tests in mammals and somatic cell tests, In vivo somatic genotoxicity supported by in vitro mutagenicity
Reproductive toxin	1A	Based on human evidence
Organ toxin single exposure	3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure	2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases

GHS Hazards		GHS Precautions	
H226	Flammable liquid and vapor	P101	If medical advice is needed, have product container or label at hand
H301	Toxic if swallowed	P102	Keep out of reach of children
H335	May cause respiratory irritation	P103	Read label before use
H336	May cause drowsiness or dizziness	P201	Obtain special instructions before use
H341	Suspected of causing genetic defects	P202	Do not handle until all safety precautions have been read and understood
H360	May damage fertility or the unborn child	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking
H373	May cause damage to organs through prolonged or repeated exposure	P233	Keep container tightly closed
		P240	Ground and bond container and receiving equipment

Danger



Hazards not otherwise classified (HNO) or not covered by GHS:

None known

The following % of the mixture consists of ingredient(s) of unknown acute toxicity.

0%

P241	Use explosion-proof electrical, ventilating, lighting and motorized equipment
P242	Use only non-sparking tools
P243	Take precautionary measures against static discharge
P260	Do not breathe dust, mist, vapors or spray
P264	Wash contacted skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area
P280	Wear protective gloves, protective clothing, eye protection, face protection and respiratory protection.
P330	Rinse mouth
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353	IF ON SKIN (or hair): Immediately take off all contaminated clothing. Wash skin with soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+P313	IF exposed or concerned: Get medical advice
P370+P378	In case of fire: Use dry chemical, CO ₂ , foam or water fog to extinguish
P405	Store locked up
P403+P233+P235	Store in a well ventilated place. Keep container tightly closed. Keep Cool.
P501	Dispose of contents and container in accordance with local, regional, national and international regulations.

Section 3 - Composition

Mixture of synthetic resins and solvents

Components

CAS-No.	Chemical name	Concentration
123-54-6	2,4-pentanedione	80 - 100%
77-58-7	Dibutyl tin dilaurate	1 - 5%

Section 4 - First Aid Measures

INHALATION: If Inhaled: Remove person to fresh air and keep comfortable for breathing. If breathing difficulty persists, seek medical attention.

EYE CONTACT: Rinse continuously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for a minimum of 15 minutes while holding eye lids open. If eye irritation persists: seek medical attention.

SKIN CONTACT: Take off all contaminated clothing immediately. Wash exposed area thoroughly with soap and water. Seek medical attention if irritation persists. Do NOT use solvents or thinners to wash off.

INGESTION: If swallowed, seek medical attention immediately and have product container or label at hand. DO NOT INDUCE VOMITING unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Potential acute health effects:

Eye contact: Causes serious eye irritation.

Inhalation: Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. May cause respiratory irritation. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.

Skin contact: Causes skin irritation.

Ingestion: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways. Irritating to mouth, throat and stomach.

Over-exposure signs/symptoms:

Eye contact: Adverse symptoms may include the following:
Pain or irritation, watering, redness

Inhalation: Adverse symptoms may include the following:
Respiratory tract irritation, coughing, nausea or vomiting, headache, drowsiness/fatigue, dizziness/vertigo, unconsciousness.

Skin contact: Adverse symptoms may include the following:
Irritation, redness.

Ingestion: Adverse symptoms may include the following:
Nausea or vomiting.

Indication of any immediate medical attention and special treatment needed.

Seek professional medical attention for all over-exposures and/or persistent problems.

In case of inhalation of decomposition products in a fire, symptoms may be delayed.

The exposed person may need to be kept under medical surveillance for 48 hours.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation

Section 5 - Fire Fighting Measures

LEL: 2.4 %

UEL: 11.6 %

Extinguishing Media: Dry Chemical, Foam, CO2 or water fog.

Unsuitable Extinguishing Media: High volume water jets

Unusual Fire and Explosion Hazards: Vapors can travel to a source of ignition and flash back. Closed containers may explode when exposed to extreme heat or burst when contaminated with water (CO2 gas evolved). Hazards apply to empty containers. Combustion generates toxic fumes.

Hazardous Combustion Products: oxides of carbon, oxides of nitrogen, formaldehyde, toxic fume

Special Firefighting Procedures: Highly toxic fumes may be generated by thermal decomposition. Water runoff from firefighting can cause environmental damage. Dike and collect water used to fight fire.

Fire Equipment: Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors and mist. Ensure adequate ventilation. Eliminate all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulation to form explosive concentrations. Vapors can accumulate in low areas.

For personal protection see section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up:

Small Spills: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large Spills: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

Section 7 - Handling and Storage

Safe Handling Measures: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Ground and bond container and receiving equipment. Use non-sparking tools and explosion proof equipment when handling this material. Keep away from sources of ignition - No Smoking. Use in cool, well-ventilated areas. Keep containers closed when not in use. Take measures to prevent the build up of electrostatic charge. Follow all SDS and label precautions even after container is emptied because they may retain product residues. For precautions see section 2.

General Occupational Hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Storage Requirements: Keep container tightly closed. Keep away from heat, sparks, open flames and hot surfaces-No Smoking. Store in a cool, dry and well-ventilated place. Do not reuse container when empty.

Section 8 - Exposure Control and PPE

Engineering controls and work practices

Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

CAS-No.	Chemical name	Source	Time	Type	Value	Note
123-54-6	2,4-pentanedione	ACGIH	8 hr	TWA	25 ppm	Skin
77-58-7	Dibutyl tin dilaurate	ACGIH	8 hr	TWA	0.1 mg/m ³	Sn
		OSHA	8 hr	TWA	0.1 mg/m ³	Sn

Glossary

CEIL Ceiling exposure limit
STEL Short term exposure limit
TWA Time weighted average
TWAE Time-Weighted Average

Section 8 - Exposure Control and PPE (Continued)

Protective equipment

Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection

Do not breathe vapors or mists. When this product is used with an isocyanate activator/hardener, wear a positive-pressure, supplied-air respirator (NIOSH approved TC-19C) while mixing activator/hardener with paint, during application and until all vapors and spray mist are exhausted. If product is used without isocyanate activator/hardener, a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. Refer to the hardener/activator label instructions and SDS for further information. Individuals with history of lung or breathing problems or prior reaction to isocyanates should not use or be exposed to this product if mixed with isocyanate activators/hardeners.

Eye protection

Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

Skin and body protection

Neoprene gloves and coveralls are recommended.

Hygiene measures

Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Environmental exposure controls

Do not let product enter drains.

Section 9 - Physical and Chemical Properties

This mixture typically exhibits the following properties under normal circumstances:

Appearance	Clear to pale yellow	Physical State	Liquid
Odor	Organic Solvent	Odor threshold:	No data available
pH:	No data available	Melting point:	No data available
Freezing point:	No data available	Boiling range:	78°C
Flash point:	93 F, 34 C	Evaporation rate:	No data available
Flammability:	Not applicable to liquids	Explosive Limits:	2% - 12%
Vapor Pressure:	6.4 mmHg	Vapor Density:	3.8
Density (Lb / Gal)	8.15	Solubility:	No data available
Partition coefficient (n-octanol/water):	No data available	Autoignition temperature:	335°C
Decomposition temperature:	No data available	Viscosity:	No data available
Regulatory Coating VOC g/L	961	Regulatory Coating VOC	8.02
		lb/gal	

Actual Coating VOC g/L	961	Actual Coating VOC lb/Gal	8.02
Weight Percent Volatile	98.40	Specific Gravity (SG)	0.977
% Weight VOC	98.40	% Weight Water	0.0
% Wt Exempt VOC	0.00	% Vol Exempt VOC	0.00

Section 10 - Stability and Reactivity

Reactivity: No data available

Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Vapors may form explosive mixture with air. Hazardous polymerization will not occur.

Conditions to avoid: Heat, flame and sparks. Extreme temperature and direct sunlight.

Incompatible with:
Strong acids, Strong bases, Strong oxidizers, mineral acids

Hazardous products produced under decomposition:
Carbon Monoxide, Carbon Dioxide

Section 11 - Toxicological Information

Mixture Toxicity
Oral Toxicity: 55mg/kg
Inhalation Toxicity: 1,244mg/L

Component Toxicity
77-58-7 Dibutyltin Dilaurate
Oral: 45 mg/kg (Rat) Dermal: 630 mg/kg (Rabbit)

This mixture has not been tested for toxicological effects.

Acute Effects:
 INHALATION - Dizziness, breathing difficulty, headaches, & loss of coordination.
 EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision.
 SKIN CONTACT - Moderate irritant. Can dry and defat skin causing cracks, irritation, and dermatitis.
 INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

Chronic Effects:
 May affect liver, kidney and central nervous system with repeated exposure . Prolonged or repeated exposure may cause lung injury.

Routes of Entry			
Inhalation	Skin Contact	Eye Contact	Ingestion
Target Organs			
Eyes	Lungs	Central Nervous System	Skin

Effects of Overexposure

Short Term Exposure Irritates the eyes, skin, and respiratory tract. Eye irritation may be severe. May affect the nervous system. If inhaled, will cause dizziness, coughing, headaches, convulsions, loss of consciousness and possible death. In addition to neuropathy, 2,4-pentanedione causes thymic atrophy; it complexes with and inhibits the activities of oxidizing enzymes; it causes minor to severe eye injury and minor to moderate skin irritation in animals; and it has caused contact urticaria and allergic contact dermatitis in humans.

Long Term Exposure Repeated or prolonged contact may cause skin sensitization and allergy. High exposure may affect the brain. May affect the lungs, thymus, central nervous system. There is limited evidence of reproductive damage and mutations.

The following chemicals comprise of at least 0.1% of this mixture and are listed and/or classified as carcinogens or potential carcinogens by the NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing).

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			No Data Available

Section 12 - Ecological Information

This material has not been tested for ecological effects.

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects: Contains photochemically reactive solvent.

Component Ecotoxicity

2,4-Pentanedione

96 Hr LC50 Pimephales promelas: 98.3 - 110 mg/L [flow-through]; 96 Hr LC50
Lepomis macrochirus: 50.3 - 71.8 mg/L [flow-through]; 96 Hr LC50
Oncorhynchus mykiss: 64.1 - 80.1 mg/L [flow-through]
48 Hr EC50 Daphnia magna: 34.4 mg/L

Section 13 - Disposal Considerations

Product and container should be disposed of in accordance with all local, regional, national and international regulations. Contact a licensed professional waste disposal service to dispose of this material. Subject to hazardous waste generation, treatment, storage and disposal rules under RCRA, 40CFR261.

Section 14 - Transportation Information

International transport regulations

IMDG (Sea transport)

UN number: 1263
 Proper shipping name: PAINT RELATED MATERIAL

 Hazard Class: 3
 Subsidiary Hazard Class: Not applicable.
 Packing group: III
 Marine Pollutant: yes [dibutylbis((1-oxododecyl)oxy)stannane]

ICAO/IATA (Air transport)

UN number: 1263
 Proper shipping name: PAINT RELATED MATERIAL

 Hazard Class: 3
 Subsidiary Hazard Class: Not applicable.
 Packing group: III

TDG

UN number: 1263
 Proper shipping name: PAINT RELATED MATERIAL

 Hazard Class: 3
 Subsidiary Hazard Class: Not applicable.
 Packing group: III

Matters needing attention for transportation

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

Section 15 - Regulatory Information

TSCA Status

In compliance with TSCA Inventory requirements for commercial purposes.

DSL Status

All components of the mixture are listed on the DSL.

Photochemical Reactivity

Non-photochemically reactive

Regulatory information

CAS # Ingredient	----- EPCRA -----				----- CERCLA CAA -----		
	302	TPQ	RQ	311/312	313	RQ(lbs)	HAP
123-54-6 2,4-pentanedione	N	NR	NR	A,C,F	N	NR	N
77-58-7 Dibutyl tin dilaurate	N	NR	NR	NA	N	NR	N

Section 15 - Regulatory Information (Continued)

Key:

EPCRA	Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
302	Extremely hazardous substances
311/312 Categories	F = Fire Hazard A = Acute Hazard R = Reactivity Hazard C = Chronic Hazard P = Pressure Related Hazard
313 Information	Section 313 Supplier Notification - The chemicals listed above with a 'Y' in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.
CERCLA	Comprehensive Emergency Response, Compensation and Liability Act of 1980.
HAP	Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ	Threshold Planning Quantity.
RQ	Reportable Quantity
NA	not available
NR	not regulated

Section 16 - Other Information

HMIS rating H: 2 F: 3 R: 0

Glossary of Terms:

ACGIH	American Conference of Governmental Industrial Hygienists.
IARC	International Agency for Research on Cancer.
NTP	National Toxicology Program.
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Administration.
STEL	Short term exposure limit
TWA	Time-weighted average.
PNOR	Particles not otherwise regulated.
PNOC	Particles not otherwise classified.

NOTE: The list (above) of glossary terms may be modified.

Date Revised: 10/6/2015

Reviewer Revision: 2

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by BHG Import Export Inc. to be accurate. As with all chemicals, KEEP AWAY FROM CHILDREN AND ANIMALS FOR PROFESSIONAL AND INDUSTRIAL USE ONLY. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

The information on this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

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