

# SAFETY DATA SHEET

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## 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND THE SUPPLIER

Product identifier	WORLDROCK No.8120T3
Manufacturer	Kyoritsu Chemical & Co., Ltd.
Address	16F, Hibiya Dai Bldg., 1-2-2 Uchisaiwai-cho, Chiyoda-ku, Tokyo, 100-0011 JAPAN
Department in charge	Sales Headquarter
Telephone	+81-3-3500-2421
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Emergency phone number	+81-3-3500-2421
Recommended use	General industrial products

## 2. HAZARD IDENTIFICATION

GHS classification	
Flammable liquids:	Not classified
Acute toxicity	
Oral:	Classification not possible
Dermal:	Classification not possible
Inhalation(Gases):	Not classified
Inhalation(Vapors):	Classification not possible
Inhalation(Dusts/Mists):	Classification not possible
Skin corrosion/Irritation:	Classification not possible
Serious eye damage/eye irritation:	Classification not possible
Sensitization	
Respiratory:	Classification not possible
Skin:	Classification not possible
Germ cell mutagenicity:	Classification not possible
Carcinogenicity:	Classification not possible
Reproductive toxicity:	Classification not possible
Specific target organ toxicity - Single exposure:	Classification not possible
Specific target organ toxicity - Repeated exposure:	Classification not possible
Hazardous to the aquatic environment	
Acute hazard:	Classification not possible
Chronic hazard:	Classification not possible
Hazardous to the Ozone layer:	Classification not possible

### GHS label elements

Hazard Statement:

Precautionary statement:

« Storage »

Store in a well-ventilated place. Keep container tightly closed.

Keep container tightly closed. Store in a dark place.

«Disposal»

Dispose of contents/container in accordance with local/regional/national/international regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Classification of the chemical substance or/mixture: Mixture  
 Chemical name or common name: UV curable acrylic resin  
 Concentration or concentration range:

Chemical name or common name	Content(wt%)
Modified acrylate oligomers	20 ~ 30 %
Curable monomers	30 ~ 40 %
Fillers	30 ~ 40 %
Other additive agents	< 5 %

Impurities and stabilizing additives which contribute to the classification of GHS:

No information available

### 4. FIRST-AID MEASURES

IF INHALED:

Move the victim to a place with fresh air immediately, keep calm, and receive the treatment of a doctor. In case breathing has stopped, conduct artificial respiration, and in case breathing is difficult, conduct oxygen inhalation.

IF ON SKIN:

Remove contaminated clothes/shoes immediately. Cut off if necessary. Wash portion in contact with product with cold/lukewarm water. Use soap and wash thoroughly. If appearance changes or victim suffers from pain, get medical treatment immediately.

IF IN EYES:

Wash the eyes with clean water for at least 15 minutes, and receive the treatment of a doctor at once. When washing the eyes, open the eyes fully with the fingers so that the water will reach the edge of the eyelids.

Remove contact lenses, if present and easy to do.

IF SWALLOWED:

Wash inside of the mouth with water.

Receive the treatment of a doctor immediately.

In case the victim is unconscious, do not administer anything to the victim through the mouth.

Conduct artificial respiration or oxygen inhalation as required.

Do not induce vomiting.

Expected immediate and delayed symptoms: No information available

Most important effects and symptoms/effects, acute and delayed: No information available

Protection for first-aid responders:

To report medical staff for what substance is, and to take care of it by myself.

Note to physician: To treat specific symptom.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media:

Powder type fire extinguishing agent, foam type fire extinguishing agent, carbon dioxide, sand.

Unsuitable extinguishing media: Rod-shaped water injection

Specific hazards arising from the chemical if burning:

Hazardous vapor and gas is occurred by heat and fire burning.

Specific fire fighting measures:

Move mobile container immediately to safe place.

Spray water to the surrounding facilities and cool them.

Fire-fighting shall be conducted from the windward of the fire as much as possible.

Special protective equipment for fire fighter:

In the fire-fighting, wear appropriate protective equipment (gloves, glasses, mask, atmosphere-supplying respirator).

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

In case of indoors, conduct ventilation sufficiently until the disposal is completed.

At the time of conducting spillage disposal, always wear protective items such as rubber gloves, protective glasses, protective clothes, filter type breathing unit, and self-contained breathing apparatus.

Environmental precautions:

Pay attention so that the product that leaked is not discharged to the river or sewage, and have adverse effect on the environment.

Methods and materials for containment and cleaning up:

In case the amount is small, let it be absorbed with dry sand, earth, sawdust, and rags, then recover in an empty container that can be sealed.

In case the spill amount is large, surround it with an earth dike and prevent it from flowing out, then dispose of it after leading it to a safe place.

Prevention of secondary disaster:

Reducing burning's source as quick as possible, and prepare extinguisher.

## 7. HANDLING AND STORAGE

Handling

Appropriate engineering controls:

Handle in a place with good ventilation.

Prohibit the use of high temperature objects, sparks, and fire in the vicinity of the product.

Local exhaust /Total ventilation:

To handle using, there should be make part of exhaust and/or all part of exhaust place.

General precautions: Pay attention so that leakage, overflow, and scattering do not occur.

Precautions for safe handling: Avoid contact with flame, spark, and high temperature objects.

How to avoid: To refer 10. STABILITY AND REACTIVITY

Appropriate engineering measures:

Wear suitable protective items such as protective glasses and protective gloves

Storage

Appropriate engineering controls: No information available

Appropriate storage conditions:

Be careful of fire.

Avoid the direct rays of the sun and store in tightly sealed containers at a well ventilated place.

Products of which the guarantee period has expired shall be disposed of as soon as possible.

Safe containers and packaging materials:

Keep in the original container. When it is impossible, use tightly sealed and light shielded

plastic container made of polyethylene or polypropylene.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Use closed type apparatuses and equipment or local air exhauster.  
When UV irradiation equipment exist, it is necessary to shield UV.

Exposure limit: Not established

Tolerable concentration: Not established

Personal protective equipment:

Protective mask, protective gloves, protective glasses, work clothes, safety shoes, etc.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	MILKY WHITE LIQUID
Odor:	Slightly
Boiling point:	No data
Initial boiling point:	No data
Boiling range:	No data
Flammability:	No data
Lower flammability or explosive limits:	No data
Upper flammability or explosive limits:	No data
Flash point:	100 - 150 °C
Autogenous ignition temperature:	No data
Decomposition temperature:	No data
pH:	No data
Kinematic viscosity:	No data
Vapor pressure:	No data
Relative density:	1.00 ± 0.10
Relative vapour density:	No data
Particle characteristics:	No data

## 10. STABILITY AND REACTIVITY

Chemical stability:

Stable at the normal temperatures and storage conditions. Harden or become gel may be caused by storage in glass or metal container.

Reactivity: This product is stable under normal storage condition.

Possibility of hazardous reactions: No information available

Conditions to avoid: High temperature, sunlight, electrostatic spark and naked fire.

Incompatible materials: Avoid contact with acids and strong oxidants.

Hazardous decomposition products:

Hazardous decomposition products including carbon oxides, other toxic gases or vapors may be formed during combustion.

## 11. TOXICOLOGICAL INFORMATION

Acute toxicity: No information available

Skin corrosion/Irritation: No information available

Serious eye damage/eye irritation: No information available

Respiratory sensitization/skin sensitization:	No information available
Germ cell mutagenicity:	No information available
Carcinogenicity:	No information available
Reproductive toxicity:	No information available
Specific target organ toxicity - Single exposure:	No information available
Specific target organ toxicity - Repeated exposure:	No information available
Aspiration hazard:	No information available

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Fish:	No information available
Crustacea:	No information available
Algae:	No information available
Persistence/Degradability:	No information available
Bioaccumulative Potential:	No information available
Mobility in soil:	No information available
Hazardous to the Ozone layer:	No information available
Other adverse effects:	Because of many unknown items, do not discard in general environment.

## 13. DISPOSAL CONSIDERATIONS

Commit disposal to special waste disposal contractors approved by the Metropolitan, Hokkaido, or Prefectural Governors in case of Japan.

Remove the contents completely before disposing of them.

Dispose of the container and wrapping material in accordance with the Law related to Disposal of Waste and Cleaning.

## 14. TRANSPORT INFORMATION

### International regulations

UN classification:	Not applicable to the criteria for classification
UN number:	None
UN proper shipping name:	None
Packing group:	None
IATA classification:	Not regulated
ICAO classification:	Not regulated

### Domestic regulations:

Ensure this material in compliance with federal requirements and ensure conformity to local regulations.

Special precautions: No information available

Special precautions and conditions which a user needs to comply with transport:

Load so that there will be no tumbling, dropping or damaging, and securely conduct load collapse prevention.

Emergency response guideline number: No information

## 15. REGULATORY INFORMATION

<Product>

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## 16. OTHER INFORMATION

Inquiry of contents

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References

SDS which the maker published

Chemical Product Search System (National Institute of Technology and Evaluation)

JIS Z7252 ; 2019, JIS Z7253 ; 2019

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The information contained herein is based on several references and the present state of our knowledge. However the SDS does not always cover all information about the product, handle the product carefully. The information is intended to ordinary usage, in case of particular handlings, conduct appropriate safety measurements. The information herein is only provision of information, and it does not represent a guarantee the properties of the product.

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