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SAFETY DATA SHEET

1. IDENTIFICATION

Name of chemical substances: ECO WOOD COLOR STAIN FOR WOOD MAPLE

Kinds of product: Oil based paint

Manufacturer name: SUNDAY PAINT Co., Ltd

Address: 1-18-11, 6F SR Building NAGAHORI 1-18-11, MINAMISEMBA,
CHUO-KU, OSAKA 542-0081 Japan

Section in charge: Mayor of customer service

Phone number: 06-6266-3150

FAX number: 06-6266-3146 Emergency telephone number: 06-6266-3150

Reference number: 771401-002

Use: For wood

2. HAZARDS IDENTIFICATION

GHS classification:

Physicochemical Hazards:

Explosives	: Not classified
Flammable gases	: Not applicable
Flammable aerosols	: Not applicable
Oxidizing gases	: Not applicable
Gases under pressure	: Not applicable
Flammable liquids	: Category 3
Flammable solids	: Not applicable
Self-reactive substances and mixtures	: Classification not possible
Pyrophoric liquids	: Not classified
Pyrophoric solids	: Not applicable
Self-heating substances and mixtures	: Not classified
Substances and mixtures which, in contact with water, emit flammable gases	: Not classified
Oxidizing liquids	: Not classified
Oxidizing solids	: Not applicable
Organic peroxides	: Classification not possible
Corrosive to metals	: Classification not possible

Health hazards:

Acute toxicity - oral	: Not classified
Acute toxicity - dermal	: Not classified
Acute toxicity-inhalation/gases	: Not applicable
Acute toxicity-inhalation/vapour	: Not classified
Acute toxicity-inhalation/dusts and mists	: Not classified
Skin corrosion / irritation	: Classification not possible
Serious eye damage / irritation	: Not classified
Respiratory sensitization	: Not classified
Skin sensitization	: Not classified
Germ cell mutagenicity	: Category 1
Carcinogenicity	: Classification not possible
Reproductive toxicity	: Category 1
Specific target organ systemic toxicity (single exposure)	: Classification not possible
Specific target organ systemic toxicity (repeated exposure)	: Classification not possible
Aspiration toxicity	: Classification not possible

Environmental hazards:

Hazardous to the aquatic environment (acute toxicity)	: Classification not possible
Hazardous to the aquatic environment (chronic toxicity)	: Classification not possible

GHS label elements:

Pictogram or symbol:



Signal words: Danger

Hazard statement:

Flammable liquid and vapour.

The wastes which was used for cleaning, spray dust and paint refuse may cause pyrophoric with

oxidizing, exothermic and regenerated in air.

May cause genetic defects.

May damage fertility or the unborn child

Precautionary statements:

Prevention:

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

Ground/bond container and receiving equipment - if the explosive is electrostatically sensitive.

Use explosion-proof electrical/ventilating/lighting Equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Keep container tightly closed.

Wear face protection as specified by the manufacturer/supplier or competent authority.

First aid measures:

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

In case of fire, use Carbon dioxide gas, foam, dry powder.

IF exposed or concerned: Get medical attention/advice.

Storage:

Store in cool/well-ventilated place.

Store locked up.

Disposal:

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

3 . COMPOSITION / INFORMATION ON INGREDIENTS

Classification of the substance or mixture: A mixture.

Chemical or generic name: No information

Chemical characteristic (chemical formulas): No information

Poisonous and Deleterious Substances Control Act: No correspond

Component name:

Ingredient name	CAS no	Content (%)	Industrial Safety and Health Act	Poisonous and Deleterious Substances Control Act	Pollutant Release and Transfer Register Law
nonane	111-84-2	0.19	-	-	
ethanol	64-17-5	0.1 ~ 1		-	

4 . FIRST AID MEASURES

Inhalation:

If inhaled vapour or gases and felt unwell, remove to fresh air and keep at rest in a position comfortable for breathing.

And call a doctor /physician if feels unwell.

Skin contact:

Wipe off clinging substance with clean cloth quickly.

Wash off thoroughly with plenty of water and soap. Do not use solvent or paint thinner.

If any change of appearance is seen, or pain persists and feels unwell, consult a doctor/physician.

Eye contact:

Wash off with plenty of clean water immediately for 15 minutes or more. And remove contact lens, if presence and easy to do.

And completely wash it including the underside of eyelid.

Consult a physician as soon as possible.

Ingestion:

If swallowed accidentally, rest and consult a doctor/physician immediately.

Do not let swallow vomit.

Avoid forcing to vomit without physician's instruction.

The protection of the person taking first aid measure.:

Wear proper protectors (safety goggles, respirator, gloves,etc.)

Ventilate

5 . FIRE-FIGHTING MEASURES

Extinguishing compositions:Carbon dioxide gas,foam , dry powder

Must not use extinguishing compositions:Water (stick water, high pressure water jet)

Special fire extinguishing method(protection of fire-fighting person):

Wear proper protectors (heat-resistant clothes,etc.)

Remove flammable matters immediately.

Use designated extinguishant.

If sealed container is exposed to high temperature, water to cool.

Fire-fight from windward.

6 . ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear proper protectors (safety goggles, respirator, gloves, apron,etc.)

Declare off-limits of the outskirts and do not bring it close anyone other than the person concerned and prevent a second disaster.

Remove ignition source, heat source and flammable matters immediately.

Prepare proper extinguisher for accidental fire.

Environmental precautions:

Take cautions not to cause influence on environment by discharge to river.

Methods and materials for containment and cleaning up:

Dispose of waste or clinging matter according to related regulation.

Recollect leakage in the container can be sealed and keep in safety place.

Recollect with tool of non-spark material.

Recollect with drysand,soil, or other non-flammable matter. If in large quantity, prevent from flowing out by banking.

7 . HANDLING AND STORAGE

Handling:

Handling technical measures:

Handle in good ventilated area.

Close container tightly with closer after use.

Take away from open flame, spark,heat-source

Use a non-spark type hand tool.

While working, wear antistatic working suits and shoes.

Soak in water till disposal, as may cause to ignite itself, when cloth, paper, roller which spray dust of product clung be piled up.

Handling instructions:

As a measure against static electricity accident, ground equipment and use electric appliances of explosion proof type.

Storage:

Storage, technical measures:

Avoid a direct sunlight.

Keep in good ventilated place.

Keep away from open flame and heat source.

8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

Taking measures for equipment:

Use explosion proof type equipment.

Install ventilation equipment to prevent concentrating of vapour.

Ground equipment for transferring, pumping and stirring of fluid.

Provide equipment devised so that heat or ignition source can not be placed in the neighborhood of handling place.

In door application, use either not to expose the operator directly, such as using automatic painting machines, or that keeps the operator from exposure, such as local exhaust

ventilation equipment.

Management density / permission density:

Chemical substance name	Japan Society for Occupational Health (JSOH) - ppm	Japan Society for Occupational Health (JSOH) - mg/m3	Skin
nonane	200	1050	
Chemical substance name	ACGIH_TWA ppm	ACGIH_TWA mg/m3	Skin
nonane	200		
ethanol	1000	1880	

Protective equipment:

Respiratory protective equipment:

In working, wear proper protection mask.

Hand protective equipment:

Wear the glove that organic solvents or chemicals can not permeate through.

Eyes protective equipment:

Wear protective eyeglasses or goggles.

Skin and body protective equipment:

Wear suitable clothing that should be impervious to chemicals and to avoid direct contact of skin in handling.

Other information:

Wear electricity shoes on electrostatic painting.

9 . PHYSICAL AND CHEMICAL PROPERTIES

Physical state:Liquid

Colour:MAPLE

Odour:No information

Melting point/freezing point:No information

Initial boiling point and boiling range:No information

Appearance:No information

Upper/lower flammability or explosive limits:No information

Flash point:41[]

Auto-ignition temperature(ignition point):No information

Decomposition temperature:No information

pH:No information

Flammability (solid, gas):No information

Solubility:

Solubility in water:No information

Dissolubility in water:No information

Solubility in solvent:No information

Dissolubility in solvent:No information

Partition coefficient:n-octanol/water:No information

Vapor pressure:No information

Specific gravity (relative density):0.82

Vapour density:No information

Evaporation rate:No information

1 0 . STABILITY AND REACTIVITY

Stability(possibility of hazardous reaction) :

There is no dangerous reaction in the range of room temperature.

Product is considered stable.

Conditions to avoid:

Avoid high temperature.

Incompatible materials:

No information

Hazardous decomposition products:

Hazardous gases such as carbon monoxide may be generated.

:

No information

:

No information

1 1 . TOXICOLOGICAL INFORMATION

Acute toxicity:**ethanol**

LD50(oral)	> 5000mg/kg(4h)
LC50(vapour)	20000ppm(4h)
LC50(dust,mist)	63000mg / l (4h)

Skin corrosion/irritation:

No information

Serious eye damage /irritation:

ethanol Category 2A

Respiratory sensitization:

No information

Mutagenicity (germ cell mutagenicity):

ethanol Category 1B

Carcinogenicity:

No information

Reproductive toxicity:

ethanol Category 1A

Specific target organ / systemic toxicity - single exposure:

ethanol Category 3

(Respiratory tract irritation , Narcotic effects)

Specific target organ / systemic toxicity - repeated exposure:

ethanol Category 1

(Liver)

Category 2

(Nervous system)

Aspiration hazard:

No information

1 2 . ECOLOGICAL INFORMATION

Take care for spills or waste in handling because of its environmental impact. Especially take care for product or rinsing water not to flow into ground, river and drain directly.

Persistence/ degradability:

Not Available

Bioaccumulation potential:

Not Available

Mobility in soil:

Not Available

Ozone depletion index:

Not Available

1 3 . DISPOSAL CONSIDERATIONS**Residual waste:**

Let authorized industrial waste disposing agent to dispose of abolished paint, containers and others under agreement.

Dispose of abolished paint, materials and waste from incineration in accordance with regulation or laws of "Specified Hazardous Industrial Wastes" of Special Controlled Industrial Waste.

Must not dispose of waste water from washing container, machinery and etc. into the ground or drain without treatment.

Dispose of waste from waste water treatment, incineration and etc. in accordance with regulation or laws relating to disposal and cleaning of waste, or let special disposing agent to dispose.

Incinerate abolished paint absorbed to diatomaceous earth by small quantity in the open-type incinerator. Or incinerate them by spraying in the fire box. If it is apprehended that hazardous gases such as dioxins are generated, let authorized industrial waste disposing agent to dispose under agreement.

Let authorized industrial waste disposing agent to dispose of abolished paint and materials under agreement, because there are specified as Special Controlled Industrial waste(waste oil).

Polluted container and packing:

Let authorized industrial waste disposing agent to dispose of them under agreement.

Dispose of used container after removing contents completely.

1 4 . TRANSPORT INFORMATION

After confirming the state of container had no leakage, and load to prevent collapsing, fall and damage.

Obey the description of "Handling and Storage"

IMDG:3

UN number:1263

Packing group:III

Land transportation:

If falling under "Fire Service Act", "Industrial Safety and Health Act" or "Poisonous and Deleterious Substances Control Act", obey the transport method regulated in each law.

Marine transportation:

Obey the provisions of "Ship Safety Act"

Air transportation:

Obey the provisions of "Civil Aeronautics Act"

Guide number:128

1 5 . REGULATORY INFORMATION

Fire and Disaster Management Act:

Dangerous, Category 4, petroleum-category 2, dangerous grades III.

Industrial Safety and Health Act:

Table 1-4 by Act of Parliament, Flammable material

Article 57-2, notifiable substances

Waste Management and Public Cleaning Act:

1 6 . OTHER INFORMATION

Literatures:

"Raw Materials Database" edited by Japan Paint Manufacturers Association

"Materials Safety Data Sheet Guide (Mixture)" edited by Japan Paint Manufacturers Association

"Solvent Pocket Book" Ohmsha, Ltd.

The Handbook for Precautions and First Aids to Dangerous Goods.

International Chemical Safety Cards.

Other information:

This SDS is necessary to handle our manufacture property and gathered up the matter which must be paid attention briefly for normal handling.

However the content noted above is prepared based on information or data available at the present, the evaluation of hazardousness and harmfulness is not adequate necessary, so be careful in handling.

This SDS may be revised without notice by revising law or new knowledge.

This SDS is based on the standard of Japan Paint Manufacturers Association with Laws of Japan but not from local government, accord to relevant local laws as required when handling.