

SAFETY DATA SHEET**FOR PAINT AND COATINGS**

Ref. No : IZ-36

01. Manufacturer

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02. Product Information

Product Name : IZ-36
 Features :
 Kinds : PAINT
 Usage : Wood Coatings

03. Hazardous Ingredient

Component and concentration of dangerous and hazardous materials

Name	CAS No.	Concentration(%)	Note
mineral spirit	8052-41-3	10~15	

04. Hazardous Identification

CLASSIFICATION : Harmful and Inflammable liquid. Cause eyes and skin irritation.

COMMENTS ON DANGER AND HAZARD :

Very inflammable liquid. May form explosive dust air mixture of vapors/air exceeding 25 °C.
 Inhalation of vapor concentrations causes headache, nausea and vomiting.
 Irritating to eyes, skin and mucous membrane.

05. Fire Fighting Measures

EXTINGUISHING MEDIA :

Water [], Carbon dioxide [○], Foam [○], Dry Chemical [○],
 Sand [], Others [],

Special Fire Fighting Procedure : Do not enter fire area without proper protection. Fight fire from safe distance / protected location. Heat / impurities may increase temperature / build pressure / rupture closed containers, spreading fire, increasing risk of burns / injuries. Water may be ineffective in firefighting due to low solubility. Use water spray / fog for cooling. Pressure relief system may plug with solids, increasing risk of overpressure. Notify authorities

if liquid enters sewer / public waters.
Toxic gasses (carbon monoxide) will form upon combustion.

06. PROTECTIVE EQUIPMENT / CONTROL MEASURES

RESPIRATORY PROTECTION

If this material is handled at elevated temperature or under mist forming conditions, NIOSH/MSHA approved respiratory protection equipment should be used.

EYE PROTECTION

Eye protection such as chemical splash goggles and/or face shield must be worn when possibility exists for eye contact due to splashing or spraying liquid, airborne particles, or vapor. Contact lenses should not be worn.

SKIN PROTECTION

When skin contact is possible, protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn. This equipment must be cleaned thoroughly after each use.

OTHER HYGENIC PRACTICES

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

OTHER WORK PRACTICES

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing / wash thoroughly before reuse. Shower after work using plenty of soap and water.

07. EMERGENCY AND FIRST AID

- Eye contact : Gently rinse the affected eyes with clean water for at least 15 minutes. Ask the victim to look up, down and side to side you rinse in order to better reach all parts of eyes. Arrange for transport to the nearest medical facility for examination and treatment by a physician as soon as possible.
- Skin contact : Remove all contaminated clothing, shoes, socks from the affected areas as quickly as possible. Wash the affected areas with plenty of running water using a mild soap or skin shampoo.
- Inhalation : Remove the victim from the contamination immediately to fresh air. If breathing is weak, irregular or has stopped, open his airway, loosen his collar and belt and administer artificial respiration. Keep the victim warm and quiet. And refer for medical attention.
- Ingestion : Do not induce vomiting. And refer for medical attention. Never give anything by mouth to someone who is unconscious or convulsing.

08. Spill and Leak Procedures

PERSONAL PRECAUTION

Evacuate personnel to safe areas. Evacuate non-essential personnel. Shut off all sources of ignition. No flares, smoking or flames in area.

Wear proper protective equipment.

ENVIRONMENTAL PRECAUTION

Do not wash away into shower, watercourse or river.

METHOD FOR CLEANING UP

For small spills, absorb spill with inert material (e.g. dry sand or earth) then, place in a chemical waste containers using nonsparking tools.

For large spills, dike for later disposal.

In case of spills at clean room, wipe off by paper towel.

09. Handling and Storage Precautions

Handling :

Shut off all gas pilot and electrical igniters and other sources of ignition during use and until all vapors gone.

Avoid release of this material into sewer or waterways.

In case of handling, should be wear proper protective equipment to avoid contact and inhalation.

Storage :

Keep containers upright and tightly closed when in not use.

Keep away from heat, steam pipe and sunlight.

10. Physical and Chemical Properties

Appearance	: Liquid
Odor	: Solvent odor
Relative density	: 0.71
Vapour Pressure	: No information
Solubility in water	: Negligible
pH	: Not applicable
Explosive properties. (vol.% in air)	: No information

11. Information about Dangers**INFLAMMABILITY AND EXPLOSION**

Flash point : 30°C

Ignition point : 288°C

REACTIVITY AND STABILITY

Stable under recommended storage and handling condition. When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Keep well away from oxidising agents, strongly alkaline and strongly acidic material in order to avoid exothermic reactions.

OTHER REACTIVITY INFORMATION

Conditions and Materials to avoid : Hazardous decomposition and polymerization will not occur.

12. Toxicological Information

Toxicity of ingredients and exposure limit :

Name	Exposure Limit	(mg/m ³) ACGIH	IARC	LD50
mineral spirit				

Other information about toxicity of product : No relevant information found.

13. Ecological information

Biodegradability : No relevant information found.

Bioaccumulation : No relevant information found.

Ecotoxicity : No relevant information found.

14. Disposal Considerations

Waste paints and opened containers should be asked to dispose with licensed industrial waste treatment company.

Do not wash away the water used for cleaning of vessels and equipment into shower or water way.

The waste proceducing from process of water refinishing and of incineration should be disposed of in accordance with govermental laws and environmental control regulations or asked to dispose with licensed special company.

15. Transpotation Information

Any especial precaution on the transport or conveyance :

This preparation is a flammable liquid, keep away from strong alkalies, strong acid alkali metals, oxidizing materials and source of ignition.

United Nations recommendation and other international agreements on the transport and packaging.

UN No. : 1263 PAINT
UN Class : 3

16. Regulatory Information

All the substances in this preparation are listed in EINECS. This preparation contains hazard material in list of the ANNEX I (67/548/EEC).

Regulatory information with regard to this preparation in your country or region should be examined by your own responsibility.

17. Other information

References :

1. International chemical Safety Card, #0267 IPCS (WHO / FAO / UNEP)
2. Registry of Toxic Effects of Chemical Substances : NIOSH (1992, CD-ROM)
3. Raw Material Data Handbook, Vol. 1, Organic Solvents (1974)
4. Toxicology and Applied Pharmacology (1979)
5. Biodegradation and Bioaccumulation Data of Existing Chemicals Based on the CSCL Japan, edited by Chemical Inspection & Testing Institute Japan (1992)
6. 1990-1991 Threshold Limit Values For Chemical substances and Physical Agents : ACGIH

The information contained herein are, to the best of GEN GEN CORPORATION's knowledge and belief, accurete and reliable as of the data issued.

It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions.

We reserve the right to revise MSDS periodically as new Information becomes available.