

Material Safety Data Sheet

1. Product and Company Identification

Product name :Additive for safe painting X-2

Name of supplier :SOLAR CO., LTD.

Address :1-7, Nunobiki-cho-2-chome, Chuo-ku, Kobe, Hyogo-Pref. 651-0097 JAPAN

Division :R & D DEPT.

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Product code(MSDS NO) :EN300300-2

2. Hazards Identification

GHS classification

Not classified.

Not applicable to Japan class name

3. Composition/Information on Ingredients

Substance/Preparation :Substance

Ingredient name	content(%)	CAS No.	PRTR law No, Japan
Non Public	> 95	Non Public	

4. First-Aid Measures

IF INHALED :

There is no necessity of especially first aid.

Skin contact

There is no necessity of especially first aid.

IF IN EYES :

In case of contact with eyes, rinse immediately with plenty of water.

IF SWALLOWED :

If swallowed, seek medical advice.

5. Fire-Fighting Measures

Suitable extinguishing media

In case of fire, use water mist, foam, dry powder or CO2.

Specific fire-fighting measures

Use appointed fire extinguisher.

Remove flammable matters quickly from nearby.

Apply water from a safe distance to cool and protect surrounding area.

Special protective equipment and precautions for fire-fighters

Fire extinguishing work has to be done from windward.

Wear proper protective equipment.

6. Accidental Release Measures

Personnel precautions, protective equipment and emergency procedures

Ventilate area after material pick up is complete.

Wear proper protective equipment.

Keep unauthorized personnel away.

Environmental precautions

Prevent spills from entering sewers, watercourses or low areas.

Methods and materials for containment and cleaning up

Place in a covered container.

Use non-sparking tools to collect absorbed material.

Preventive measures for secondary accident

Prepare extinguishers before catching fire.

7. Handling and Storage

Precautions for safe handling

Preventive measures

(Exposure Control for handling personnel)

Use personal protective equipment as required.

(Protective measures against fire & explosion)

Take precautionary measures against static discharge.

Safety Measures/Incompatibility

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

Handle in good ventilation.

Conditions for safe storage, including any incompatibilities

Recommendation for storage

Keep container tightly closed.

Protect from sunlight. Store in a well-ventilated place.

8. Exposure Control/Personal Protection

Appropriate engineering controls

Do not use in areas without adequate ventilation.

Individual protection measures, such as personal protective equipment

Respiratory protection

Especially there is no necessity.

Hand protection

The special protective glove is not needed.

Eye protection

Wear eye/face protection.

9. Physical and Chemical Properties

Physical properties

Appearance :liquid

Color :clear

Flash point :330 (COC)

Specific gravity :ca 0.97

10. Stability and Reactivity

Chemical stability

Stable under normal storage/handling conditions.

Incompatible materials

It may sometimes react with the strong oxidizer.

Hazardous decomposition products

Carbon oxide, Trace of imperfectly burned carbon compound, Formaldehyde

11. Toxicological Information

Symptoms related to the physical, chemical and toxicological characteristics

Acute toxicity

Eye: Direct contact may cause temporary eye bloodshot or unpleasant impression.

Skin: It is presumed that serious influence may not occur by exposure of one time for short period.

Inhalation: It is presumed that serious influence may not occur by exposure of one time for short period.

Ingestion: Especially it is not.

12. Ecological Information

Ecotoxicity

Aquatic toxicity

No infection to aquatic life.

13. Disposal Considerations

Description of waste residues and information on their safe handling and methods of disposal

This item corresponds to the industrial waste (waste oil) in "law of disposal of Waste residue".

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

14. Transport Information

UN No, UN CLASS

Not applicable to UN NO.

Special precautions in connection with transport or conveyance

Follow instruction in Handling & Storage.

15. Regulatory Information

The product is not applicable to Labor safety and hygiene control law, Japan

Fire protection law, Japan

Listed flammables : flammable liquids ; (limited qty) 2m3

16. Other Information/References

Reference Book

Recommendations on the TRANSPORT OF DANGEROUS GOODS 15th edit. UN

2008 EMERGENCY RESPONSE GUIDEBOOK(US DOT)

2008 TLVs and BEIs. (ACGIH)

<http://monographs.iarc.fr/monoeval/gelist.html>

JIS Z 7250 2005

Supplier's SDS

ezCric(Retrieval System/Japan Chemical Database Ltd.)

Other information

This information contained in this data sheet represents the best information currently available to us. However, no warranty is made with respect to its completeness and we assume no liability resulting from its use. It are advised to make their own test