

## MSDS for Grabbergard Exterior Coating (Ruspert)

Material Safety Data Sheet  
May be used to comply with

OSHA's Hazard Communication Standard  
29 CFR 1910.1200 Standard must be  
consulted for specific requirements

IDENTITY (AS Used on Label and List)  
RUSPERT COATING

### Section I

Manufacturer's Name: Taiwan Inn Ruspert Co.,  
Ltd  
(Nikon Ruspert Co., Ltd.)  
Address (number, Street, City, State and Zip  
code)  
300-1 Fu Shi Rd., Lu Chu Hsiang Kaohsiung  
Hisan, Taiwan, R.O.C

### Section II- Hazardous Ingredients/ Identity information

Hazardous Components ( Specific Chemical  
Identity:)

Common Name(s)
Chemical analysis, unit; % RESIN (POLYESTER, MELAMINE, EPOXY SILICONE)
FILLER
PIGMENT
ALUMINUM POWER
XYLENE
BUTYL CELLOSOLVE
BUTANOL
AROMATIC HYDROCARBON SOLVENT

### Section III-Physical/Chemical Characteristics

Boiling Point 137-140°C  
Vapor pressure (mm Hg) 6-6.5@20 C  
Vapor Density (AIR-1): 0.86  
Medicament no volatilize  
Solubility in water: dissolution 100% 130 mg/l  
Appearance and Odor: W/O color, liquid

US Department of  
Labor  
Occupational Safety and Health Administration  
(Non-Mandatory  
Form)  
Form Approved  
OMB No. 1218-0072  
Note: Blank spaces are not  
permitted  
if any item is not applicable or no  
information is available, the spaces  
must be marked to indicate that

Emergency telephone number: 886-7-6973115  
Telephone

Number  
for information: 886-7-6973115  
Taiwan

Japan----- 81-724328711

date prepared

Signature of preparer (Optional)

OSHA PEL	ACGIH TLV	% (optional)
ETHER SOLVENT		
ETHER SOLVENT		
ALCOHOLIC SOLVENT		
ADDITIVE		

Specific Gravity  
(H2O-1)

1.56+0.01

Melting Point

1000 degree c

Evaporation

3.7

Odor

**Section IV-Fire and explosion Hazard Data**

Flash Point (method used): nonflammable

Extinguishing media: not applicable

Special Fire Fighting Procedures

none

Unusual Fire and Explosion Hazards

none

(Reproduce locally)

**Section V**

Stability

Unstable

Stable

Flammable Limits

**Reactivity Data**

v

LEL

NONE

product is not self igniting

Conditions to avoid

No decomposition

If used according to spec

Incompatibility ( Materials to avoid)

Hazardous Decomposition or byproducts

Hazardous

May Occur

Conditions to avoid

Polymerization

Will not Occur

V

**Section VI****Health Hazard Data**

Route(s) of entry

Inhalation? (none)

Skin?

YES

Health Hazards (Acute and Chronic)

Ingestion? YES

Not flammable or combustible. Steel products (screw) in the solid state present no fire or explosion hazards and do not contribute to the combustion of other materials

NTP?

IARC

Carcinogenicity:

none

None

Monographs?

DSHA

Regulated?

Signs and Symptoms of Exposure

none

Medical Conditions

Generally Aggravated by Exposure

none

Emergency First Aid Procedures

Skin Contact

Immediately flush skin with water for at least 15 minutes, if no relief, seek medical treatment

Ingestion

Do not force vomiting, rinse mouth with water, give patient water

If patient is nauseated, immediately drink water, if no relief, seek medical treatment

**Section VII****Precautions for Safe Handling and Use**

steps to be taken in case material is Released or spilled

centralize disposal

Waste Disposal Method: Dispose of the substance in accordance with that related laws and regulations

Precautions to be taken in Handling and Storing

Wash your hands after handling. Avoid storing the substance at a high temperature or in a highly humid place. Don't put screws in your mouth

Other precautions

Temperatures above the melting point may liberate fumes oxide of zinc and alloying elements

Section VIII

Control Measures

Respiratory Protection (specify type)

Ventilation

Local Exhaust

none

special

none

mechanical (general)

none

other

none

none

protective gloves

eye protection

rubber gloves

safety glasses

Other protective clothing or equipment

install a washstand in workshop for washing hands

Work/Hygienic Practices