

MATERIAL SAFETY DATA SHEET

C.I. Pigment Red 122 (C.I. 73915)

1. Identification of the substan	
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Product code and name :	ResunPlas™ 3177 Quindo Magenta G
Color index name :	C.I. Pigment Red 122 (C.I. 73915)
CAS No :	980-26-7
EC (EINECS) No :	213-561-3
Product use :	Colorant/Organic pigment for industrial applications.
Company/undertaking iden	<u>itification</u>
Manufacturer :	Resun Colour Pigment Co., Ltd.
Emergency Contact Phone	+86-22-23957262 (available in working days), +86-22-2336 7749
2. Hazards identification	
NFPA Ratings (Scale 0-4):	Health=1 Fire=1 Reactivity=0
EC Classification (Calculated):	Not classified.
Major health hazards:	No significant target effects reported
Physical hazards:	Dust/air mixtures may ignite or explode.
See section 11 for more detaile	d information on health effects and symptoms.
. Composition/information on i	
Chemical Name :	5,12-Dihydro-2,9-dimethylquino[2,3-b]acridine-7,14-dione
Chemical Family:	Quinaeridone
Percentage:	100%
There are no ingredients present	nt which, within the current knowledge of the supplier and in the concentrations applicable, are
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Extinguishing media

MSDS

RCP	Resun Colour Pigment
	colours for your industry

Not suitable : None known. Not suitable : None known. Not suitable : No specific fire or explosion hazard. Promptly loalate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Decomposition products may include the following materials: Carbon dioxide, carbon monoxide, nitrogen oxides. Other toxic combustion products ere also possible. Special protective equipment and selfcontande breathing apparatus gepcial protective equipment for fire-fighters : (SCRA) with a full face-piece operated in positive pressure mode. 6. Accidental release measures Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personal from entering. Do not toruch or walk through split material and runn off and contact with soil, waterways, drins and severs. Inform the relevant authorities if the product has caused environmental pollution (severs, waterways, soil or al). Large split : Move containers from split area. Prevent entry into severs, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste desposal. Contractor. Note: see section 1 for emergency contact information and section 13 for waste desposal. Contractor. Note: see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Storage : Store in accordance with local regulations. Store in original container form direct sunlight in a dry, cool and well-wentilated area, away from incompabile materials (see section 0) and food and drink. Keep container tightly closed and keet upright to prevent lakage. Do not store in unlabel	11505	
Special exposure hazards : No specific fire or explosion hazard. Promptly isolate the scene by removing all personal risk or without suitable training. No action shall be taken involving any personal risk or without suitable training. Personal products : introgen oxides. Other toxic combustion products are also possible. Special protective Fire-fighters should wear appropriate protective equipment and selfontained breathing apparatus globale training. Evacuate surrounding areas. Keep unnecessary and unprotected personal protective equipment for entering. Do not touch or walk through split material. Put on appropriate personal protective equipment (see section 8). Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and severs. Inform the relevant authorities if the product has caused environmental pollution (severs, water course, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal. Small spill : Move containers from spill area. Yrevent entry into severs, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal. Small spill : Move containers from spill area. Yacuum or sweep up material and place in a designated, labelled waste container. Small spill : Move containers from spill area. Yacuum or sweep up material and place in a designated, labelled waste container. Small spill : <	Suitable :	Use an extinguishing agent suitable for the surrounding fire.
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products : nitrogen oxides. Other toxic combustion products are also possible. Special protective Fire-fighters should wear appropriate protective equipment and selfcontained breathing apparatus equipment for fire-fighters : (SGA) with a full face-piece operated in positive pressure mode. Accidental release measures No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill material. Put no appropriate personal prective equipment (see section 8). Environmental precautions : Avoid dispersal of spill material and nunoff and contact with soil, waterways, drains and severs. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Large spill : Move containers from spill area. Prevent entry into severs, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Small spill : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Storage : Put on appropriate personal precetive equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash and face before eating, drinking and smoking. Storage : Put on appropriate personal prective equipment		No action shall be taken involving any personal risk or without suitable training.
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Personal precautions : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through split material. Put on appropriate personal protective equipment (see section 8). Environmental precautions : Avoid dispersal of split material and runoff and contact with soil, waterways, drains and severs. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Large spill : Move containers from spill area. Prevent entry into severs, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal. Small spill : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Z. Handling and storage Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. <td>equipment for fire-fighters :</td> <td>(SCBA) with a full face-piece operated in positive pressure mode.</td>	equipment for fire-fighters :	(SCBA) with a full face-piece operated in positive pressure mode.
surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through split material. Put on appropriate personal protective equipment (see section 8). Environmental precautions : Avoid dispersal of split material and runoff and contact with soil, waterways, drains and severs, inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Large spill : Move containers from spill area. Prevent entry into severs, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal. Small spill : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. 7. Handling and storage Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate container. Good general ventilation should be sufficient to control worker exposure to airborme contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust	6. Accidental release measures	5
walk through spilt material. Put on appropriate personal protective equipment (see section 8). Environmental precautions : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Large spill : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal. Small spill : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. 7. Handling and storage Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Storage : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tighty closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Packaging	Personal precautions :	No action shall be taken involving any personal risk or without suitable training. Evacuate
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Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all		anticipated exposure levels, the hazards of the product and the safe working limits of the selected
Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all		
	Hand protection :	
times when handling chemical products if a risk assessment indicates this is necessary.		
	Eye protection :	
indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.		

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Skin protection :	Personal protective equipment for the body should be selected based on the task being performed
	and the risks involved and should be approved by a specialist before handling this product.
Environmental exposure	Emissions from ventilation or work process equipment should be checked to ensure they comply
controls	with the requirements of environmental protection legislation. In some cases, fume scrubbers,
	filters or engineering modifications to the process equipment will be necessary to reduce emissions
	to acceptable levels.

9. Physical and chemical properties

General information

General information	
Appearance	Solid, Powder
Physical state Color	Bluish Red
Odor:	Odorless
Molecular Weight:	340.37
Molecular Formula:	C22H16N2O2
Melting Point:	461.5 C
Vapor Pressure:	N/A
Vapor Density:	N/A
Specific Gravity (Water=1):	1.35-1.55g/cm3 [20°C (68°F)]
Solubility :	Almost insoluble in the following materials: cold water and hot water.
pH Value:	7.0-8.0
Volatility:	N/A
Odor Threshold:	N/A
Evaporation Rate:	N/A
10. Stability and reactivity	
Stability :	The product is stable.
Conditions to avoid :	No specific data.
Materials to avoid :	No specific data.
Hazardous decomposition	Under normal conditions of storage and use, hazardous decomposition
products:	products should not be produced.
11. Toxicological information	
Potential acute health effects	
Inhalation :	Exposure to decomposition products may cause a health hazard

Innalation :	exposure to decomposition products may cause a nearth nazard	
Ingestion :	No known significant effects or critical hazards Serious effects may be delayed following	
	exposure.	
Skin contact :	No known significant effects or critical hazards.	
Eye contact :	No known significant effects or critical hazards.	
Lye contact .	No known significant effects of childa hazarus.	

Acute toxicity

Toxicity Data	Result	Species	Dose	Exposition
	LD50 Oral	Rat	>5000mg/kg	-
Conclusion/Summary :	Not available.			

Potential chronic health effects Chronic toxicity

Conclusion/Summary :	Not available.	
Chronic effects :	No known significant effects or critical hazards.	
Carcinogenicity :	No known significant effects or critical hazards.	
Mutagenicity :	No known significant effects or critical hazards.	
Teratogenicity :	No known significant effects or critical hazards.	
Developmental effects :	No known significant effects or critical hazards.	
Fertility effects :	No known significant effects or critical hazards.	
Over-exposure signs/symptoms		
Inhalation :	No specific data.	
Ingestion :	No specific data	

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Skin :	No specific data.
Eye :	No specific data.
12. Environmental information	
Environmental effects :	No known significant effects or critical hazards.
Aquatic ecotoxicity	
Fish Toxicty:	45000 ug/L 48 year(s) LC50 (Mortality) Ide, silver or golden orfe (Leuciscus idus)
Other adverse effects	No known significant effects or critical hazards.
AOX:	The product does not contain organically bound halogens which could lead to an AOX
	value in waste water.
13. Disposal considerations	
Methods of disposal :	The generation of waste should be avoided or minimized wherever possible. Empty
	containers or liners may retain some product residues. This material and its container
	must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a
	licensed waste disposal contractor. Disposal of this product, solutions and any
	by-products should at all times comply with the requirements of environmental
	protection and waste disposal legislation and any regional local authority requirements.
	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and
	sewers.
14 Transport information	

14. Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting

the product know what to do in the event of an accident or spillage.

Land transport ADR/GGVS/RID/GGVE:	Non-hazardous goods.
Inland waterway transport ADNR:	Non-hazardous goods.
Marine transport IMDG:	Non-hazardous goods.
Air transport IATA/ICAO:	Non-hazardous goods.
Dispatch by post:	Permitted.

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

15. Legal regulations

U.S. REGULATIONS:

TSCA INVENTORY STATUS: Y TSCA 12(b) EXPORT NOTIFICATION: Not listed. CERCLA SECTION 103 (40CFR302.4): N SARA SECTION 302 (40CFR355.30): N SARA SECTION 304 (40CFR355.40): N SARA SECTION 313 (40CFR372.65): N SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40CFR370.21): Acute: N Chronic: N Fire: N Reactive: N Sudden Release: N OSHA PROCESS SAFETY (29CFR1910.119): N EUROPEAN REGULATIONS:

EC NUMBER (EINECS): 219-730-8

GERMAN REGULATIONS:

GERIVIAN REGULATIONS:

WATER HAZARD CLASS (WGK): 1 (Official German Classification)

WATER HAZARD CLASS (WGK): 0 (Self Classification by Manufacturers and Distributors)

16. Other information

History

Date of printing :	15/03/2012
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Date of previous issue :	22/10/2009
Version :	2.1

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