Material Safety Data Sheet

Boron Carbide (RXSOL-60-6304-050)

1. Product and Company Identifaction

Porduct Name	Boron Carbide
Part Number	RXSOL-6304-050

Company Details:

RX MARINE INTERNATIONAL
105, A wing , BSEL , TECH PARK.
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

Phone	+91 22 20871200 - 1400
Fax	+91 22 27612100 :::AOH :0091 9821214367
Email	mail@rxmarine.com
Website	www.rxmraine.com

2. Composition / informationon ingredients

Chemical Name	Cas No	%	EINECS#
Boron Carbide	12069-32-8	99	235-111-5

No components need to be disclosed according to the applicable regulations.

3. Hazards Identification

Risk advice to man and the environment
Not to hazardous substance or mixture(Non-Haz)

4. First Aid Measures

Eyes	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin	Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.
Ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. .
Inhalation	If breathed in, move person into fresh air. If not.breathing give artificial respiration Consult a physician.
General advice	Consult a physician. Show this safety data sheet to the doctor in attendance

5. Fire-fighting Measures

Extinguishing Media Suitable	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Special Protective
Equipment For Firefighters	Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental Release Measures

Personal precautions	Use personal protective equipment. Avoid dust formation. Avoid breathing dust.
Enviromental Precaution	Ensure adequate ventilation.Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precaution	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods for cleaning up	Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Storage	Room Temperature . Keep container tightly closed in a dry and well-ventilated place

8. Exposure controls and personal protection

Personal Protective Equipment

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use afull-face particle respirator type N99 (US) or type P2 (EN 143) respirator cartridges as a backup toengineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).Hand Protection: The selected protective gloves have to satisfy the specifications of EU Directive89/686/EEC and the standard EN 374 derived from it.Handle with gloves.Eye Protection: Safety glasses Skin and body protection:Choose body protection according to the amount and concentration of the dangerous substance at the work place.Hygiene measures:Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties

Physical state	Powder
Molecular Formula	B4C
Molecular Weight	55.26

10. Stability and reactivity

Storage stability	Stable under recommended storage conditions
Materials to avoid	-
Hazardous decomposition	-
conditions	Carbon oxides, Borane/boron oxides

11. Toxicological information

Acute toxicity	LD50 Oral - Rat - > 2,000 mg/kg
Irritation and corrosion	No data available
Sensitisation	No data available
Chronic exposure IARC	No component of this product present at levels greater than or equal to 0.1%is identified as probable, possible or confirmed human carcinogen by IARC.
Of Exposure	No data available
Inhalation	No data available
Skin	No data available
Ingestion	No data available

12. Ecological information

No data available

13. Disposal considerations

Product	Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging:Dispose of as unused product.

14. Transport information

IATA	IMO	RID/AD
Hazard Class		
Shipping Name	Not Regulated For Transport (Non-Haz)	
UN Number		
UN Number		
Packing Group		

15. Regulatory information

This safety datasheet complies with the requirements of Regulation(EC)No1907/2006

16. Other information

Other Information	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and weassume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.