

Dabco RP204 catalyst CAS1372-33-9 Evonik Germany

Dabco RP204 is a non-emission amine catalyst that promotes the balance of urethane and urea reactions with high efficiency and a wide processing range. It is suitable for soft block foams and spray foams where smooth reaction curves are required. Dabco RP204 is a clear, colorless liquid with a mild odor. It is miscible with water, alcohols, and ketones. Dabco RP204 has a flash point of 100 °F (38 °C) and a vapor pressure of 0.1 mmHg at 25 °C. The Dabco RP204 is stable under normal conditions.

Dabco RP204 is a safe and effective catalyst for polyurethane foam production. Always follow the manufacturer's instructions when using Dabco RP204 to ensure safe and effective use.

Here is some additional information about the Dabco RP204:

Dabco RP204 is a tertiary amine. A tertiary amine is an organic compound containing three nitrogen atoms. Tertiary amines are often used as catalysts in chemical reactions.

Dabco RP204 is an emission-free catalyst. This means that it does not produce harmful emissions when used.

Dabco RP204 is a balancing catalyst. This means that it promotes the urethane and urea reactions in polyurethane foam. This results in the foam having good properties, such as strength, flexibility, and water resistance.

Dabco RP204 is a highly efficient catalyst. This means that it requires less catalyst than other catalysts to create foam. This saves money and reduces the environmental impact.

Dabco RP204 has a wide processing range. This means that it can be used in a wide variety of polyurethane systems. This makes it a versatile catalyst that can be used to produce a variety of foams.

Consult the manufacturer's safety data sheet or contact a qualified professional if you have any further questions about the Dabco RP204.

Here is more information about the Dabco RP204:

Dabco RP204 is a water-based catalyst. Water-based catalysts are generally superior to organic solvents because they are non-flammable and less toxic.

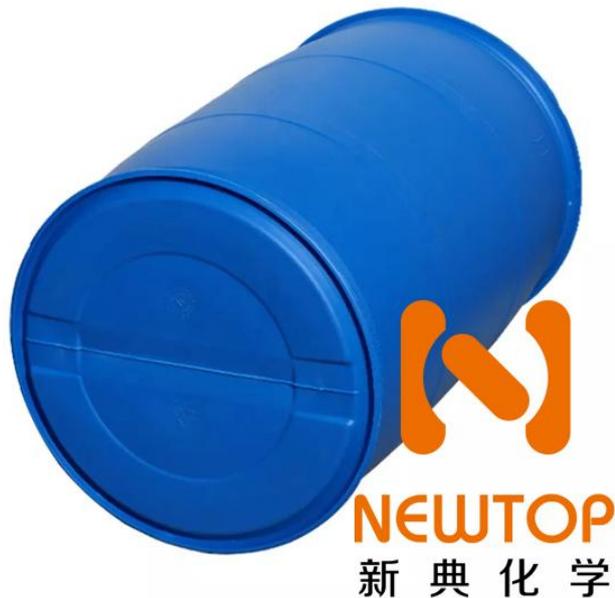
Dabco RP204 is a safe and effective catalyst for polyurethane foam production. Always follow the manufacturer's instructions when using Dabco RP204 to ensure safe and effective use.

Dabco RP204 is a versatile catalyst that can be used in a wide range of polyurethane applications, including:

- Soft foams
- Hard foam

- Spray foam
- Molding plastic
- Elastomer
- Paint

How does the Dabco RP204 work?



Dabco RP204 works by catalyzing the reaction between isocyanates and polyols. The reaction produces polyurethane foam, a versatile material with a wide range of uses.

Benefits of using Dabco RP204

There are many benefits to using Dabco RP204, including:

- Non-luminescent catalyst
- Balanced catalyst
- High efficiency catalyst
- Wide processing range

Dabco RP204 for application

Dabco RP204 is a versatile catalyst that can be used in a wide range of polyurethane applications, including:

- Soft foams
 - Car seat
 - insulation
 - Footwear
- Rigid foam
 - Building insulation
 - Appliances
 - Sports equipment
- Spray foam

- Insulation
- Air seal
- Fireproof
- Molding compound
 - Car parts
 - Medical equipment
 - Sporting goods
- Elastomer
 - Seal
 - O-ring
 - Shims
- Paint
 - Wood veneer
 - Fabric coating
 - Flooring

Safety information

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Dabco RP204 is a hazardous substance. It is very important to read and understand the safety information before using Dabco RP204. Some important safety information includes:

- Dabco RP204 is a skin irritant. Avoid contact with your skin.
- Dabco RP204 is a respiratory irritant. Avoid inhaling vapors or fumes.
- Dabco RP204 is a flammable liquid. Keep away from heat sources and open flames.
- Dabco RP204 is a toxic substance. Do not swallow.

If you come into contact with Dabco RP204, wash the affected area with soap and water immediately. If you inhale Dabco RP204 vapor or mist, move to fresh air and seek medical attention if you develop any symptoms. If you swallow Dabco RP204, call the poison control center immediately.

Storage and disposal

Dabco RP204 should be stored in a cool, dry place. Keep away from heat sources and open flames. Dabco RP204 should be disposed of in accordance with local, state, and federal regulations.

Conclusion

Dabco RP204 is a non-emission amine catalyst that promotes the balance of carbamate and urea reactions with high efficiency and a wide processing range. It is suitable for soft block foams and spray foams where smooth reaction curves are required. Dabco RP204 is a safe and effective catalyst for polyurethane foam production. Always follow the manufacturer's instructions when using Dabco RP204 to ensure safe and effective use.

Shelf life:

Remain unopened for two years

Storage and Transportation:

Should be sealed, stored in a dry cool ventilated warehouse

Packing:

200KG/ barrel storage: It is recommended to store in a dry and cool area with proper ventilation. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid contact between skin and mucous membrane. Smoking, eating and drinking are prohibited in the workplace. Shower and change after work. Store contaminated clothes separately and use them after washing. Practice good hygiene.

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