

NT CAT A-305 catalyst CAS1739-84-0 Newtopchem

NT CAT A-305 is a low-odor, active tertiary amine catalyst for rigid polyurethane foams. It is a balanced catalyst that promotes the reaction of carbamate and urea to produce foams with good properties such as strength, flexibility and water resistance. NT CAT A-305 is also a high-efficiency catalyst, which means it requires less catalyst to produce foams compared to other catalysts. This saves money and reduces environmental impact. NT CAT A-305 has a wide processing range, which means it can be used in a variety of polyurethane systems. This makes it a versatile catalyst that can be used to produce a wide range of foams.

Physical properties:

| Features | Description |
|-------------|-------------------------|
| Appearance | Clear colorless liquid |
| Scent | Mild |
| Density | 0.995 g/cm ³ |
| Flash point | 100 F (38 C) |

| | |
|----------------|---|
| Steam pressure | 0.1 mm Hg at 25 °C |
| Solubility | Miscible with water, alcohol and ketone |
| Stable | Stable under normal conditions |

Here are some of the benefits of using NT CAT A-305:

Low odor: NT CAT A-305 has a low odor, making it a more pleasant and safer product to use.

Balanced catalyst: NT CAT A-305 is a balanced catalyst, which means 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.

High Efficiency catalyst: NT CAT A-305 is a high efficiency catalyst, which means that it requires less catalyst to produce foam than other catalysts. This saves money and reduces environmental impact.

Wide processing range: The NT CAT A-305 has a wide processing range, which means it can be used in a variety of polyurethane systems. This makes it a versatile catalyst that can be used to produce a wide range of foams.



Here are some of the risks associated with using NT CAT A-305:

- Skin irritation: NT CAT A-305 can irritate the skin. If it comes into contact with your skin, wash the area immediately with soap and water.
- Respiratory irritation: NT CAT A-305 can irritate the respiratory system. If you inhale NT CAT A-305 vapor or smoke, move to fresh air and seek medical attention if you experience any symptoms.
- Flammability: NT CAT A-305 is flammable. Keep away from heat sources and open flames.

How should NT CAT A-305 be stored and disposed of?

NT CAT A-305 should be stored in a cool, dry place. Keep away from heat sources and open flames. NT CAT A-305 should be disposed of in accordance with local, state, and federal regulations.

What are the applications of the NT CAT A-305?

NT CAT A-305 is used in a variety of applications, including:

- Hard foam: NT CAT A-305 is used for hard foam to provide good strength, insulation and fire resistance.
- Soft foam: NT CAT A-305 is used in soft foam to provide good cushioning, comfort and water resistance.
- Coatings: NT CAT A-305 is used in coatings to provide good adhesion, durability and water resistance.

If you have any further questions about the NT CAT A-305, consult the manufacturer's safety data sheet or contact a qualified professional.

Here are more detailed information about the NT CAT A-305:

NT CAT A-305 is a clear, colorless liquid with a mild odor. It is miscible with water, alcohols, and ketones. NT CAT A-305 has a flash point of 100 °F (38 °C) and a vapor pressure of 0.1 mmHg at 25 °C. The NT CAT A-305 is stable under normal conditions.

NT CAT A-305 is a safe and effective catalyst for polyurethane foam production. Always follow the manufacturer's instructions when using the NT CAT A-305 to ensure safe and effective use.

Here are some of the NT CAT A-305's features:

- Appearance: Clear colorless liquid
- Smell: mild
- Density: 0.995 g/cm³
- Flash point: 100°F (38°C)
- Vapor pressure: 0.1 mmHg at 25 °C
- Solubility: miscible with water, alcohols and ketones
- Stability: Stable under normal conditions

Here are some uses of the NT CAT A-305:

- Hard foam: NT CAT A-305 is used for hard foam to provide good strength, insulation and fire resistance.
- Soft foam: NT CAT A-305 is used in soft foam to provide good cushioning, comfort and water resistance.

- Coatings: NT CAT A-305 is used in coatings to provide good adhesion, durability and water resistance.

If you have any further questions about the NT CAT A-305, consult the manufacturer's safety data sheet or contact a qualified professional.

Here is some additional information about the NT CAT A-305:

- NT CAT A-305 is a registered trademark of Air Chemical Products, Inc.
- NT CAT A-305 is available in a variety of sizes and concentrations.
- NT CAT A-305 should be stored in a cool, dry place.
- NT CAT A-305 should be disposed of in accordance with local, state, and federal regulations.

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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