

ThreeBond

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Three Bond Co., Ltd.

Technical Data

ThreeBond 6154D

Three Ruster, Long-term Rust Preventative for Salt Damage

Black (Thick Coating Type), 480-ml Aerosol

1. Product description

ThreeBond 6154D is a wax type long-term car body rust preventive which forms a self-restoring flexible film. It protects car bodies for a long period from salt damage caused by snow melting agents and seawater and from rusting caused by acid rain. Since the agent forms thick films, it offers vibration and sound damping effects. It dries remarkably quickly, and its working efficiency is excellent.

Hereinafter, ThreeBond is abbreviated to TB.

2. Features

- (1) Long-term car body rust preventive for salt damage mainly composed of wax. Easy to use because it can be applied immediately after car washing.
- (2) The sprayed agent hardly flows, and sufficient film thickness can be obtained on corners where the coating films are easily thinned.
- (3) After drying, it has flexibility and less stickiness. Even if the film is scratched, it can protect the car from rust because it has self-restoring properties.
- (4) Thick coating (high-viscosity) type variation of TB6154B
- (5) The formed thick films have vibration and sound damping effects.
- (6) Aerosol type

3. Applications

Long-term protection of underbody parts against rusting caused by salt damage

4. Properties

Table 1 Properties of undiluted solution of TB6154D

Test item	Unit	Result	Test method	Remarks
Appearance	-	Black	3TS-2100-001	
Viscosity	mPa·s	2300	3TS-2F00-001	BL type, No.4, 60 rpm
Specific gravity	-	0.85	3TS-2500-002	Specific gravity cup
Heating residue	%	45	3TS-2510-005	105°C for 3 hrs

5. Characteristics

5.1 Test results

Table 2 Characteristics of TB6154D

Test item	Result	Test method	Remarks
Salt spray test (incidence of rusting)	1000 hrs, class B	3TS-9300-001	-

5.2 Test method

- (1) In accordance with 3TS-9300-001, prepare a test piece under the following conditions, and conduct the test with a salt spray tester.
 - Test piece: SPCC-SB, 70 × 150 × 0.8 (mm)
 - Film thickness: 30 to 50 μm
 - Drying conditions: 25°C, 55%RH, drying for 24 hours
- (2) After the specified time, remove the test piece, wash away the rust preventive from the surface with toluene, then evaluate the degree of rusting on the washed surface in accordance with 3TS-2110-002 (incidence of rusting conforming to JIS K 2246).

6. Usage

- (1) Before using, sufficiently shake the container, and make sure that the stirring ball is making clattering sound.
- (2) Point the injection nozzle to the surface to be coated, and spray an appropriate amount from a distance of 20 to 30 cm.
- (3) If the product adheres to unintended surface, immediately wipe off with cloth.
- (4) After using, to prevent nozzle clogging, set the container upside down, and hold down the button (for 2 to 3 seconds) until all coating agent is removed from the nozzle and only the gas is sprayed. Then, wipe the nozzle clean.

7. Directions for use

- (1) Do not use the agent for any purpose other than the specified purpose.
- (2) **Do not inhale or swallow.** This product is harmful to the health.
- (3) It may be harmful if inhaled. Use in a well-ventilated area.
- (4) When using, wear protective equipment (mask, goggles, gloves, etc.)
- (5) Do not use toward the human body.
- (6) Flammable. Keep away from fire.
- (7) Keep out of reach of children.
- (8) If swallowed, do not induce vomiting. Immediately rinse the mouth, and get medical attention.

- (9) If it gets in the eyes, immediately wash them with clean water for more than 15 minutes, and immediately get medical attention.
- (10) If it adheres to the skin, wash the skin with water or soap and water.
- (11) If you feel sick while using it, immediately stop using it, and keep quiet in a well-ventilated place. If you do not feel restored, get medical attention.
Persons with respiratory illness should use with caution.
- (12) Before using TB6154D, completely remove contaminants from the surface to be coated.
- (13) Do not apply TB6154D to plastic parts, tires or rubber parts other than the surface to be coated.
- (14) Do not mix this product with other coating agents.
- (15) Do not use general chassis paints on cars treated with TB6154D.
- (16) The container may rupture at a high temperature. Do not leave it in a place where it will be exposed to direct sunlight or temperatures of 40°C or more, particularly near the front glass or rear window, on a seat or near the fan heater outlet.
- (17) If the agent is cooled at 5°C or less, warm it with warm water prior to use.
- (17) For hazard and toxicity information not mentioned herein, see the material safety data sheet (MSDS).

8. Storage

Store in a cool, dark place. Do not store it in a place where it will be exposed to direct sunlight or temperatures exceeding 40°C, it may easily rust owing to splash of water or high humidity.

9. Disposal

Dispose of the container after the agent has all been used. Completely discharge the gas by pressing the button in the open air without fire until the injection sound disappears, and dispose of it as industrial waste.

10. Precautions

For Industrial Use Only

(Do not use for household purposes.)

This product is developed for general industrial use. Before using this product, the user must accept the following terms:

- The technical data given herein are not guaranteed values, but examples of experimental values obtained by our specified test methods. We do not guarantee that the uses described herein do not conflict with any intellectual property right.
- Before using this product, confirm the appropriateness and safety of the use for the application in question, and bear all responsibilities and risks involved in the use. Never embed or inject into bodies nor use as a medical implant that may be left in the body.

- We are not liable for personal injury or property damage caused by improper handling of this product. If the properties or usage of the product to be used are unclear, never use it.
- For detailed safety information of the product, see the Material Safety Data Sheet (MSDS). To obtain the MSDS, contact our sales office or customer service center.
- Information in this document is subject to change at our own discretion.