

## TEST REPORT

Mechanical & Hardgoods Lab

Report No. : HL40439A/2009

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Date : APR. 28, 2009

### CHUNG TAI SING CHEMICAL INDUSTRIAL CO., LTD

105, Niu Pu South Road, Hsinchu Taiwan.R.O.C

The following merchandise was submitted and identified by the applicant as:

Product Description: PUFF DINO 191 LUBRICANT  
Style/Item No: DA42 420 ml  
Manufacturer/Vendor: CHUNG TAI SING CHEMICAL INDUSTRIAL CO., LTD  
Country of Origin: TAIWAN  
Additional information: 20090410-01AJ

We have tested the submitted sample(s) as requested and the following results were obtained:

#### Test Requested:

Salt Spray Test (ASTM B-117)

#### Test Methods:


- Polished the specimen by means of #320 sand paper for 10 times
- Use the agent (IPA+ Acetone) which provided by the client to clean the specimen and wipe it to dry.
- Spray the " PUFF DINO 191 LUBRICANT " which provide by client on the sample surface uniformly.
- Place the samples into the salt spray chamber and set the condition as shown
  - Salt solution concentration : 5%
  - pH value : 6.5 - 7.2
  - Air supply : between 10 and 25 psi
  - Humidity : 95%~98%
  - Temperature in salt spray chamber : 35°C
  - Time : 48 Hours
- Take out the sample and examine whether corrosion.

#### Test Results:

---- Please see attached sheets ----

Testing Period: APR. 20, 2009 ~ APR. 23, 2009

Signed for and on behalf of  
SGS Taiwan Ltd.

  
Sturm Su  
Team Leader

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TWA 0168122

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### Scale and description of rust grades (ASTM D537) rust grades description

Level	Description
10	0%
9	~ 0.1%
8	0.1% ~ 0.25%
7	0.25% ~ 0.5%
6	0.5% ~ 1.0%
5	1.0% ~ 2.5%
4	2.5% ~ 5%
3	5% ~ 10%
2	10% ~ 25%
1	25% ~ 50%
0	50%

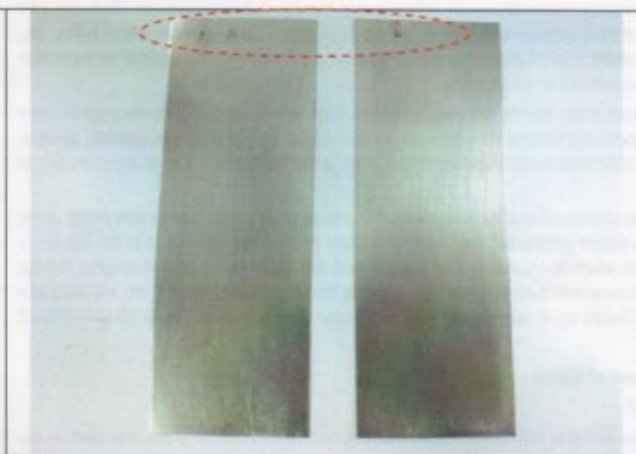
### Test Results:

SPECIMEN	OBSERVATION	GRADE
PUFF DINO 191 LUBRICANT	0.1% ~ 0.25%	8

### - Pictures -



"Photo A"- Appearance of the sample



"Photo B"- After 48 hours

--- End of Report ---

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