

# Leading technology, leading the way

Dear Esteemed Member of the Board,

I am writing in regards to the recent proposed regulations entitled "Cool Car Standards" and "Test Procedures" to be heard by the California Air Resources Board at its June board hearing.

Now that the final draft has been released as of May 8<sup>th</sup>, and you may have had ample time to review some of the specifications therein, I was hoping to familiarize you with the characteristics our product and a brief history of our company as a pioneer in the development of interlayer film technology and consequently the world's leading supplier of PVB interlayer films.

If I may, please allow me to give a brief synopsis of our company objectives.

Sekisui S-LEC has been galvanizing in its approach in creating standard interlayer films with the standard benefits of safety, security, and UV filtering, as well as high performance films with sound insulation and solar control functions. Sekisui has put forth its sophisticated technology in Automotive as well as Architectural fields.

In regards to our particular product in connection with the impending legislation, please allow me to give you some basic information. Our Solar Control Interlayer Film or SCF was first marketed in 2002. This film uses a technology known as "Fine Particle distribution". This method helps to maintain desired characteristics such as transparency when applied to PVB or "Poly-Vinyl Butyral", which is the vinyl layer between the two sheets of glass that make up the front screen of an automobile.

The new regulations being set forth by the state of California propose the mitigation of CO2 gases from vehicles through the reduction of vehicle air-conditioner use, consequently taking the strain off of the engine compressor and ultimately yielding smaller air conditioning systems in the future, along with more gasoline efficient vehicles overall. Test show that when SCF is used a 3% decrease in fuel efficiency can be expected. As a result, recently many car models designed for comfort and environmental friendliness are using SCF.

Another important factor to consider would be the need for a "Deletion Window". A "Deletion Window needs to be cut into reflective types of glazing systems like "PET" and "Traditional heatreflecting glass" with metallic coatings, in order to allow for the transmission of Electro-Magnetic Waves used by devices such as cell phones, GPS systems and Electronic Toll Collection (ETC). SCF does not need a deletion window, nor does it block radio waves or impede the use of these devices.

Finally, we at Sekisui believe that the Board Members play a tremendous role in establishing these guidelines to come. We realize the importance of your decisions and even more so how you come to formulate those decisions.

It is not without the utmost respect for your position in this, that we beseech your consideration of our plight. That is to bring to the table, "State of the Art" quality products amidst the challenging

time where we, as a company and as individual citizens of the world redirect our focus and hone environmental awareness to embrace the task that lay before us.

Some key points that we would like you to consider regarding our product are:

## 1) Driving example

a. We have submitted data which illustrates the faster reduction rate of cabin temperature of our product vs. PET reflective type with the aid of the wind in a moving vehicle.

2) <u>Cost</u>

a. The cost of our product is significantly less than PET.

# 3) The Deletion Window

a. As I mentioned above, there is no need for a Deletion Window with SCF.

#### 4) Combination with Solar Green Glass

a. Our Film when combined with Solar Green Glass increases performance. We have also submitted this corroborating data to the "Air Resources Board".

### 5) Global Reputation

- a. Our product is already in use by 12 major OEM's as well as 6 Major Automotive Glass Makers in nearly 40 different models in Europe, Japan, USA, South America, Thailand and Taiwan.
- b. Over 3.5 million cars world wide use our combined "Sound and Solar Film" which is a combination of Acoustic and SCF fused into one.

Indeed, I am gracious for your consideration and look forward to answering any questions regarding our product before the final board meeting on June 25<sup>th</sup>. If circumstances permit, the Sekisui (SSA) management team would be honored to pay you a visit to discuss in depth an array of details that I may have left out of this letter. We are eager to receive your counsel on the impending regulations and how we might remain a player in the Solar Control sector of Automotive Window Glazing without being legislated out of the industry.

To discuss an ideal date in which we might request audience with you, please feel free to contact me.

Car

(Tsuyoshi ) Tony Okano Date: 06/03/09

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Sincerely,

President, Sekisui S-Lec America