

STANDARDS NEW ACTIVITY REPORT FORM (SNARF)

Date Pre	epared	: July 9, 2022		Revised (if	Applicable):	
SNARF	ļ		for Chemical Mechanic		neters of Pressure Sensitive n (CMP) pads used in	
•	•		Committee: Liquid Ch	nemicals		
_	_	C Chapter: North F) in which work			chanical Planarization Solid (CMP-C) Task Force	
Submitted by: Alex Tregub, Don Hadder, Laur Ledenbach, Eric Moyer, Michae Matthew Fritz, Vincent Laraia, D		Moyer, Michael Mills,	-	INTEL, Evonik. CMC, DuPont, 3M, Entegris		
		Yener				
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Phone:	408-653-9408; 480-212-3709; 480-330-7622; 630 280 9850					
Pofor to	Proces	lura Manual 8 2 2	2.4 for more information	on proporty fill	ing out the SNAPE	
Indicate the Document Pressure to bonding exclude efficient and consensure of reporting across the gaps with the Document of the pressure of t	be the ine custor is impler e Sens to the pad de removisistent optimal g AS of he induchin the	mer, what benefits the mented.) itive Adhesive (P platen of a CMP elamination during al of the pad from measurement are strength of PSA on the qualistry. To meet the industry, a consi	SA) is an adhesive lay tool. The Adhesive Strog CMP process, but also the platen by the open of reporting of the AS for adhesives. Currently, lity documents. In additional courrent needs in semustent and universal me	ver placed on the ength (AS) of the osufficiently we erator after confor PSA by the lamanufacturers icon, these paraliconductor manufacturing and rep	ct on the return on investment [ROI] if the me back of CMP pads to ensure its me PSA should be strong enough to eak also sufficiently weak to enable appletion of CMP process. Accurate PSA and pad suppliers is critical to sof PSA and pads are not always meters are not universally reported aufacturing and address the current porting of AS for PSA is needed.	
		_	eck one of the following ry or on multiple import		ctors	
_		evant sectors:		acturers of the p	pressure sensitive adhesives for	
-		et on an industry sevant sector:	ector			
_		et on a few compa evant companies:				
_		et or offect not det	-			

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November 2021



c: Estimate technical difficulty of the activity. Check one of the following: I: No Difficulty – Proven concepts and techniques exist or quick agreement is anticipated II: Some Difficulty – Disagreements on known requirements exist, but developing consensus is possible III: Difficult – Limited expertise and resources exist and/or achieving consensus is difficult IV: Extremely Difficult – Expertise and resources are scarce and/or achieving consensus is very difficult 2. Scope: a: Describe the technical areas to be covered or addressed by this Document development activity. (For Subordinate Standards, list common concepts or criteria that the Subordinate Standard inherits from the Primary Standard, as well as differences from the Primary Standard.) To specify set of the parameters that are important to assess Adhesive Strength (AS) and other parameters relevant to performance of Pressure Sensitive Adhesives (PSA) for CMP pads. To provide guidance for comprehensive, consistent, and universal across industry way of measuring and reporting of the parameters and test conditions for AS of PSA for CMP pads.							
b: Expected result of activity							
New Standard or Safety Guideline (including replacement of an existing Standard or Safety	☐ Line-item revision to two or more existing Standards or Safety Guidelines						
Guideline)	☐ Reapproval of a Standard or Safety Guideline						
☐ New Subordinate Standard to an existing Standard or to a new Primary Standard to be developed concurrently	☐ Removal of a Standard or Safety Guideline						
with this new Subordinate Standard	☐ Withdrawal of a Standard or Safety Guideline						
☐ New Preliminary Standard	☐ Reinstatement of a Standard or Safety Guideline						
☐ Major revision to an existing Standard or Safety Guideline	☐ Publication of an existing Standard or Safety Guideline as an American National Standard						
$\hfill\square$ Line-item revision to an existing Standard or Safety	☐ New Auxiliary Information						
Guideline	☐ Modification of existing Auxiliary Information						
For a new Subordinate Standard, identify the Primary Standard here:							
For revision of existing Standard(s) or Safety Guideline(s), identify the Standard(s) or Safety Guideline(s) that are to be revised here:, and identify which parts of the Standard(s) or Safety Guideline(s) that are to be revised. (Check all that apply.) Modification of an existing part of Standard(s) or Safety Guideline(s) including Appendices,							
Complementary Files, and Supplementary Materials							
☐ Addition of one or more Appendices or Complementary Files to an existing Standard or Safety Guideline							
☐ Addition of one or more Related Information sections or Various Materials to an existing Standard or Safety Guideline							
☐ Revision or addition of one or more Subordinate Standards to an existing Primary Standard							



For Standards, identify the Standard Subtype below	v:		
☐ Classification	Guide		
□ Practice	☐ Specification		
☐ Test Method	☐ Terminology		
☐ Miscellaneous (describe:)			
3. Projected Timetable for Completion:			
a: General Milestones			
a. Activity Start: 08/01/2022	b. 1 st Draft by: <u>08/0</u>	1/2023	
c. (Optional) Informational Ballot by:	d. Letter Ballot by:	02/30/2024	
e: TC Chapter Approval By: 03/30/24	-		
4. Liaisons:			
4. Liaisons.			
a: List SEMI Global Technical Committees, TC Chapters, Regions/Locales that should be kept informed regarding (Refer to SEMI Standards organization charts and global technone	the progress of this	s activity.	
b: List any planned Type I Liaisons with external nonpro Documents from Standards staff for feedback during the issued (refer to Procedure Manual § 7).		-	
c: Intercommittee Ballots (check one):			
☐ will be issued – identify the recipient global technical	committee(s):		
will not be issued	· ,		
Will Hot Bo 166464			
5. Safety Considerations:			
The resulting Document is expected (Check one): to be a Safety Guideline			
NOT to be a Safety Guideline			
NOTE FOR 'to be a Safety Guideline': When all safety-related inform technically sound and complete – Refer to § 15.1 of the Regulations NOTE FOR 'NOT to be a Safety Guideline': When all safety-related technically sound and complete.	s for special procedures	to be followed.	
6. Intellectual Property Considerations:			
a: For a new Standard or Safety Guideline and for any pastandards and Safety Guidelines (Check one):	rt to be modified or	added in a Revision of published	
the use of patented technology is NOT required.			
\square patented technology is intended to be included in the	ne proposed Standa	rd(s) or Safety Guideline(s).	



(If the second box is checked, check one): □ Letter of Intent received □ Letter of Intent not received b: For Revision, Reapproval, Reinstatement, or Withdrawal of existing Standard(s) and Safety Guideline(s) (Check one): □ there is no known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s) □ there is previously known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s)						
c: The body of the Document and any Appendices, Complementary Files, Related Information sections, or Various Materials that may or may not be a part of the Document by reference (Check one):						
□ will incorporate Copyrighted Item						
the incorporation of Copyrighted Item will NOT be required						
NOTE FOR 'the use of patented technology or the incorporation of Copyrighted Item(s) is NOT required': If in the course of developing the Document, it is determined that the use of patented technology or Copyrighted Item(s) is necessary for the Document, the provisions of <i>Regulations</i> § 16 must be followed. NOTE FOR 'will incorporate Copyrighted Item': A copyright release letter must be obtained from the copyright owner prior to publication.						
7. Comments, Special Circumstances:						
8. TC Member Review (Check one):						
□ took place between (<i>put dates here:</i> MM/DD/YYYY and MM/DD/YYYY) before approval at the TC Chapter Meeting, or						
took place between (put dates here: 07/10/2022 and 07/23/2022) before approval by the GCS, or						
is not required for this SNARF. NOTE FOR 'TC Member Review': A TC Member Review is required by the <i>Regulations</i> for a period of at least two weeks before approval of a new, or a major revision of an existing, Standard or Safety Guideline. (Refer to <i>Regulations</i> ¶ 8.2.1)						
9. Approval Dates: TC Chapter or GCS: Recorded in TC Chapter Minutes:						

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